

Third National Health and Nutrition Examination Survey
(NHANES III), 1988-94

NHANES III DIETARY SUPPLEMENT INGREDIENT CONCENTRATION DATA FILE DOCUMENTATION

Series 11, No. 2A

April 1998

*Special Note:

(Nutrient/Ingredient content of each supplement in database) (This file contains the nutrient and ingredient values for the supplements reported.)

Note on dietary supplements concentration database: While efforts were made to provide complete and accurate data on the supplements in this database, errors may exist in the data. Supplement names, units on the label, or values in the database may be incorrect. Analysts should preview the data before using it in any analyses.

Table of Contents

Introduction	
Guidelines for Data Users.	
Survey Description	
Sample Design and Analysis Guidelines.	
Data Preparation and Processing Procedures	
General References	
NHANES III Dietary Supplement Ingredient Concentration Data	
Data File Index	
Data File Item Descriptions, Codes, and Counts	

Introduction

The National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC) collects, analyzes, and disseminates data on the health status of U.S. residents. The results of surveys, analyses, and studies are made known through a number of data release mechanisms including publications, mainframe computer data files, CD-ROMs (Search and Retrieval Software, Statistical Export and Tabulation System (SETS)), and the Internet.

The National Health and Nutrition Examination Survey (NHANES) is a periodic survey conducted by NCHS. The third National Health and Nutrition Examination Survey (NHANES III), conducted from 1988 through 1994, was the seventh in a series of these surveys based on a complex, multi-stage sample plan. It was designed to provide national estimates of the health and nutritional status of the United States' civilian, noninstitutionalized population aged two months and older.

The following table summarizes the NHANES III data which are currently available on CD-ROM, including this release.

Table 1. Available NHANES III CD-ROMs

CD-ROM Name	Release Date	Size in Megabytes	Data Files / Description
NHANES III, 1988-94, Series 11, No. 2A, ASCII Version (this release)	April 1998	407	Dietary recall (replacement), electrocardiography, laboratory (additional analytes), and vitamins/medicines data files and documentation
NHANES III, 1988-94, Series 11, No. 1, Revised SETS Version 1.22a	October 1997	285	Adult and youth household questionnaire, examination, and laboratory data files and documentation, plan and operation, analytic and reporting guidelines, weighting and estimation methodology, field operations, non-response bias
NHANES III, 1988-94, Series 11, No. 1A, ASCII Version	July 1997	454	Adult and youth household questionnaire, dietary recall, examination, and laboratory data files and documentation
NHANES III, 1988-94, Series 11, No. 1, SETS Version 1.22a *	July 1997	285	Adult and youth household questionnaire, examination, and laboratory data files and documentation
NHANES III Reference Manuals and Reports October 1996	October 1996	152	Plan and operation, analytic and reporting guidelines, weighting and estimation methodology, field operations, non-response bias

* Do not use this CD-ROM It had technical problems and has been superseded by the revised SETS version 1.22a, Series 11, No. 1, released in October 1997.

This release, Series 11, No. 2A, contains previously unreleased data and corrections. Corrections were made to the vitamin/minerals portion of the adult and youth questionnaire data files as well as the dietary recall portion of the examination data file. For the laboratory component, some previously release variables have been augmented with NHANES III Phase 2 data. In addition several new laboratory variables have been added.

The following table shows which public use files contain information from the interview and examination components.

Table 2. Location of the interview and examination components in the NHANES III public use data files

Data File

Topic	HA	HY	EXAM	LAB	DIET	VMS	ECG
Sample weights	X	X	X	X	.	.	X
Age/race/sex	X	X	X	X	.	.	X
Ethnic background	X	X	.	.	.	.	.
Household composition	X	X	.	.	.	.	.
Individual characteristics	X	X	.	.	.	.	.
Health insurance	X	X	.	.	.	.	.
Family background	X	X	.	.	.	.	.
Occupation of family head	X	X	.	.	.	.	.
Housing characteristics	X	X	.	.	.	.	.
Family characteristics	X	X	.	.	.	.	.
Orientation	X	X	.	.	.	.	.
Health services	X	X	.	.	.	.	.
Selected health conditions	X	X	X	.	.	.	.
Diabetes questions	X	.	.	.	.	.	.
High blood pressure and cholesterol questions	X	.	.	.	.	.	.
Cardiovascular disease questions	X	.	.	.	.	.	.
Musculoskeletal conditions	X	.	.	.	.	.	.
Physical functioning questions	X	.	.	.	.	.	.
Gallbladder disease questions	X	.	.	.	.	.	.

Table 2. (continued) Location of the interview and examination components in the NHANES III public use data files

	Data File							
Topic	HA	HY	EXAM	LAB	DIET	VMS	ECG	
Kidney conditions	X	.	.	.	.	.	.	.
Respiratory and allergy questions	X	X	.	.	.	.	.	.
Diet questions	X	.	.	.	.	.	.	.
Food frequency	X	.	X	.	.	.	.	.
Vision questions	X	X	.	.	.	.	.	.
Hearing questions	X	X	.	.	.	.	.	.
Dental care and status	X	X	.	.	.	.	.	.
Tobacco	X	.	X	.	.	.	.	.
Occupation	X	.	.	.	.	.	.	.
Language usage	X	X	.	.	.	.	.	.
Exercise	X	.	.	.	.	.	.	.
Social support/residence	X	.	.	.	.	.	.	.
Vitamin/mineral/medicine usage	X	X	X	.	.	.	.	.
Blood pressure measurement	X	.	X	.	.	.	.	.
Birth	.	X	X	.	.	.	.	.
Infant feeding practices/diet	.	X	.	.	.	.	.	.
Motor and social development	.	X	.	.	.	.	.	.
Functional impairment	X	X	.	.	.	.	.	.
School attendance	.	X	.	.	.	.	.	.
Cognitive function	.	X	X	.	.	.	.	.

Table 2. (continued) Location of the interview and examination components in the NHANES III public use data files

Data File

Topic	HA	HY	EXAM	LAB	DIET	VMS	ECG
Alcohol and drug use	.	.	X	.	.	.	.
Reproductive health	.	.	X	.	.	.	.
Diagnostic interview schedule	.	.	X	.	.	.	.
Activity	.	.	X	.	.	.	.
Physician's examination	.	.	X	.	.	.	.
Height and weight	.	.	X	.	.	.	.
Body measurements	.	.	X	.	.	.	.
Dental examination	.	.	X	.	.	.	.
Allergy skin test	.	.	X	.	.	.	.
Audiometry	.	.	X	.	.	.	.
Tympanometry	.	.	X	.	.	.	.
WISC and WRAT	.	.	X	.	.	.	.
Spirometry	.	.	X	.	.	.	.
Bone densitometry	.	.	X	.	.	.	.
Gallbladder ultrasonography	.	.	X	.	.	.	.
Central nervous system function evaluation	.	.	X	.	.	.	.
Fundus photography	.	.	X	.	.	.	.
Physical function evaluation	.	.	X	.	.	.	.
Fasting questions	.	.	.	X	.	.	.

Table 2. (continued) Location of the interview and examination components in the NHANES III public use data files

Data File

Topic	HA	HY	EXAM	LAB	DIET	VMS	ECG
Laboratory tests on blood and urine	.	.	.	X	.	.	.
Total nutrient intakes	.	.	X	.	.	.	.
Individual foods	.	.	.	.	X	.	.
Combination foods	.	.	.	.	X	.	.
Ingredients	.	.	.	.	X	.	.
Prescription Medicines	X	X	.	.	.	X	.
Vitamins and Minerals	X	X	.	.	.	X	.
Electrocardiography	.	.	.	.	.	.	X

Data File Definitions

HA - Household Adult Data File
HY - Household Youth Data File
EXAM - Examination Data File
LAB - Laboratory Data File and Second Laboratory Data File
DIET - Dietary Recall Data Files
VMS - Vitamin Mineral Supplement Data File
ECG - Electrocardiography Data File

This document includes the documentation for the NHANES III Dietary Supplement Ingredient Concentration Data File and also contains a general overview of the survey and the use of the data files. The general overview includes five sections. The first section, entitled "Guidelines for Data Users," contains important information about the use of the data files. The second section, "Survey Description," is a brief overview of the survey plan and operation. The third section, "Sample Design and Analysis Guidelines," describes some technical aspects of the sampling plan and discusses some analytic issues particularly related to the use of data from complex sample surveys. The "Data Preparation and Processing Procedures" section describes the editing conventions and the codes used to represent the data. The last and fifth section, "General References," includes a reference list for the survey overview sections of the document.

Public Use Data Files for the third National Health and Nutrition Examination Survey will also be available from the National Technical Information Service (NTIS). A list of NCHS public use data tapes available for purchase from NTIS may be obtained from the Data Dissemination Branch at NCHS. Information regarding a bibliography (on disk) of journal articles citing data from all the NHANES and the availability of NHANES III data in CD-ROM/SETS software format can be obtained from the Data Dissemination Branch at:

Data Dissemination Branch
National Center for Health Statistics
Room 1018
6525 Belcrest Road
Hyattsville, Maryland 20782

Phone: (301)436-8500

URL:<http://www.cdc.gov/nchswww>

NTIS can be contacted at:

NTIS - Computer Products Office
5285 Port Royal Road
Springfield, Virginia 22161
(703) 487-4807

Copies of all NHANES III questionnaires and data collection forms are included in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (NCHS, 1994; U.S. DHHS, 1996). This publication, along with detailed information on NHANES procedures, interviewing, data collection, quality control techniques, survey design,

nonresponse, and sample weighting can be found on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996). Information on how to order this CD-ROM is also available from the Data Dissemination Branch at NCHS at the address and telephone number given above.

GUIDELINES FOR DATA USERS

Please refer to the following important information before analyzing data.

NHANES III Background Documents

- o The Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94, (NCHS, 1994; U.S. DHHS, 1996) provides an overview of the survey and includes copies of the survey forms.
- o The sample design, nonresponse, and analytic guidelines documents on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996) discuss the reasons that sample weights and the complex survey design should be taken into account when conducting any analysis.
- o Instruction manuals, laboratory procedures, and other NHANES III reference manuals on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996) are also available for further information on the details of the survey.

Analytic Data Set Preparation

- o Most NHANES III survey design and demographic variables are found only on the Adult and Youth Household Data Files available on the first release. In preparing a data set for analysis, other data files must be merged with either or both of these files to obtain many important analytic variables.
- o All of the NHANES III public use data files are linked with the common survey participant identification number (SEQN). Merging information from multiple NHANES III data files using this variable ensures that the appropriate information for each survey participant is linked correctly.
- o NHANES III public use data files do not have the same number of records on each file. The Household Questionnaire Files (divided into two files, Adult and Youth) contain more records than the Examination Data File because not everyone who was interviewed completed the examination. The Laboratory Data File contains data only for persons aged one year and older. The Individual Foods Data File based on the dietary recall has multiple records for each person rather than the one record per sample person contained in the other data files.
- o For each data file, SAS program code with standard variable names and labels is provided as separate text files on the CD-ROM that contains the data files. This SAS program code can be used to create a SAS data set from the data file.
- o Modifications were made to items in the questionnaires, laboratory, and examination components over the course of the survey; as a result, data may not be available for certain variables for the full six years. In addition, variables may differ by phase since some changes were implemented between phases. Users are encouraged to read the Notes

sections of this document carefully for information about changes.

- o Extremely high and low values have been verified whenever possible, and numerous consistency checks have been performed. Nonetheless, users should examine the range and frequency of values before analyzing data.
- o Some data were not ready for release at the time of this publication due to continued processing of the data or analysis of laboratory specimens. A listing of those data are available in the general information section of each data file.
- o Confidential and administrative data are not being released to the public. Additionally, some variables have been recoded to help protect the confidentiality of the survey participants. For example, all age-related variables were recoded to 90+ years for persons who were 90 years of age and older.
- o Some variable names may differ from those used in the Phase 1 NHANES III Provisional Data Release and some variables included in the Phase 1 provisional release may not appear on these files.
- o Although the data files have been edited carefully, errors may be detected. Please notify NCHS staff (301-436-8500) of any errors in the data file or the documentation.

Analytic Considerations

- o NHANES III (1988-94) was designed so that the survey's first three years, 1988-91, its last three years, 1991-94, and the entire six years were national probability samples. Analysts are encouraged to use all six years of survey results.
- o Sample weights are available for analyzing NHANES III data. One of the following three sample weights will be appropriate for nearly all analyses: interviewed sample final weight (WTPFQX6), examined sample final weight (WTPFEX6), and mobile examination center (MEC)- and home-examined sample final weight (WTPFHX6). Choosing which of these sample weights to use in any analysis depends on the variables being used. A good rule of thumb is to use "the least common denominator" approach. In this approach, the user checks the variables of interest. The variable that was collected on the smallest number of persons is the "least common denominator," and the sample weight that applies to that variable is the appropriate one to use for that analysis. For more detailed information, see the Analytic and Reporting Guidelines for NHANES III (U.S. DHHS, 1996).

Referencing or Citing NHANES III Data

- o In publications, please acknowledge NCHS as the original data source. For instance, the reference for the NHANES III Laboratory Data File On this CD-ROM is:

U.S. Department of Health and Human Services (DHHS). National Center

for Health Statistics. Third National Health and Nutrition Examination Survey, 1988-1994, NHANES III Second Laboratory Data File (CD-ROM, Series 11, No. 2A). Hyattsville, MD.: Centers for Disease Control and Prevention, 1998.

- o Please place the acronym "NHANES III" in the titles or abstracts of journal articles and other publications in order to facilitate the retrieval of such materials in bibliographic searches.

SURVEY DESCRIPTION

The third National Health and Nutrition Examination Survey (NHANES III) was the seventh in a series of large health examination surveys conducted in the United States beginning in 1960. Three of these surveys, the National Health Examination Surveys (NHES), were conducted in the 1960's (NCHS, 1965; NCHS, 1967; NCHS, 1969). In 1970, an expanded nutrition component was added to provide data with which to assess nutritional status and dietary practices, and the name was changed to the National Health and Nutrition Examination Survey (Miller, 1973; Engel, 1978; McDowell, 1981). A special survey of Hispanic populations in the United States was conducted during 1982-1984 (NCHS, 1985).

The general structure of the NHANES III sample design was similar to that of the previous NHANES. All of the surveys used complex, multi-stage, stratified, clustered samples of civilian, noninstitutionalized populations. NHANES III was the first NHANES without an upper age limit; in fact, the age range for the survey was two months and older. A home examination option was employed for the first time in order to obtain examination data for very young children and for elderly persons who were unable to visit the mobile examination center (MEC). The home examination included only a subset of the components used in the full MEC examination since it would have been difficult to collect some types of data in a home setting. A detailed description of design specifications and copies of the data collection forms can be found in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996).

NHANES III was conducted from October 1988 through October 1994 in two phases, each of which comprised a national probability sample. The first phase was conducted from October 18, 1988, through October 24, 1991, at 44 locations. The second phase was conducted from September 20, 1991, through October 15, 1994, at 45 different locations. In NHANES III, 39,695 persons were selected over the six years; of those, 33,994 (86%) were interviewed in their homes. All interviewed persons were invited to the MEC for a medical examination. Seventy-eight percent (30,818) of the selected persons were examined in the MEC, and an additional 493 persons were given a special, limited examination in their homes.

Data collection began with a household interview. Several questionnaires were administered in the household: Household Screener Questionnaire, Family Questionnaire, Household Adult Questionnaire, and Household Youth Questionnaire.

At the MEC, an examination was performed, and five automated questionnaires or interviews were administered: MEC Adult Questionnaire, MEC Youth Questionnaire, MEC Proxy Questionnaire, 24-Hour Dietary Recall, and Dietary Food Frequency (ages 12-16 years). The health examination component included a variety of tests and procedures. The examinee's age at the time of the interview and other factors determined which procedures were administered. Blood and urine specimens were obtained, and a number of tests and measurements were performed including body measurements, spirometry, fundus photography, x-rays, electrocardiography, allergy and glucose tolerance tests, and ultrasonography. Measurements were taken of bone density, hearing, and physical, cognitive, and central nervous system functions. A physician performed a limited standardized medical examination

and a dentist performed a standardized dental examination. While some of the blood and urine analyses were performed in the MEC laboratory, most analyses were conducted elsewhere by contract laboratories.

A home examination was conducted for those sample persons aged 2-11 months and aged 20 years or older who were unable to visit the mobile examination center. The home examination consisted of an abbreviated version of the tests and interviews performed in the MEC. Depending on age of the sample person, the components included body measurements, blood pressure, spirometry, venipuncture, physical function evaluation, and a questionnaire to inquire about infant feeding, selected health conditions, cognitive function, tobacco use, and reproductive history.

SAMPLE DESIGN AND ANALYSIS GUIDELINES

Sample Design

The general structure of the NHANES III sample design is the same as that of the previous NHANES. Each of these surveys used a stratified, multi-stage probability design. The major design parameters of the two previous NHANES and the special Hispanic HANES, as well as NHANES III, have been previously summarized (Miller, 1973; McDowell, 1981; NCHS, 1985; NCHS, 1994). The NHANES III sample was designed to be self-weighting within a primary sampling unit (PSU) for subdomains (age, sex, and race-ethnic groups). While the sample was fairly close to self-weighting nationally for each of these subdomain groups, it was not representative of the total population, which includes institutionalized, non-civilian persons that were outside the scope of the survey.

The NHANES III sample represented the total civilian, noninstitutionalized population, two months of age or over, in the 50 states and the District of Columbia of the United States. The first stage of the design consisted of selecting a sample of 81 PSU's that were mostly individual counties. In a few cases, adjacent counties were combined to keep PSU's above a minimum population size. The PSU's were stratified and selected with probability proportional to size (PPS). Thirteen large counties (strata) were chosen with certainty (probability of one). For operational reasons, these 13 certainty PSU's were divided into 21 survey locations. After the 13 certainty strata were designated, the remaining PSU's in the United States were grouped into 34 strata, and two PSU's were selected per stratum (68 survey locations). The selection was done with PPS and without replacement. The NHANES III sample therefore consists of 81 PSU's or 89 locations.

The 89 locations were randomly divided into two groups, one for each phase. The first group consisted of 44 and the other of 45 locations. One set of PSU's was allocated to the first three-year survey period (1988-91) and the other set to the second three-year period (1991-94). Therefore, unbiased estimates (from the point of view of sample selection) of health and nutrition characteristics can be independently produced for both Phase 1 and Phase 2 as well as for both phases combined.

For most of the sample, the second stage of the design consisted of area segments composed of city or suburban blocks, combinations of blocks, or other area segments in places where block statistics were not produced in the 1980 Census. In the first phase of NHANES III, the area segments were used only for a sample of persons who lived in housing units built before 1980. For units built in 1980 and later, the second stage consisted of sets of addresses selected from building permits issued in 1980 or later. These are referred to as "new construction segments." In the second phase, 1990 Census data and maps were used to define the area segments. Because the second phase followed within a few years of the 1990 Census, new construction did not account for a significant part of the sample, and the entire sample came from the area segments.

The third stage of sample selection consisted of households and certain types of group quarters, such as dormitories. All households and eligible

group quarters in the sample segments were listed, and a subsample was designated for screening to identify potential sample persons. The subsampling rates enabled production of a national, approximately equal-probability sample of households in most of the United States with higher rates for the geographic strata with high Mexican-American populations. Within each geographic stratum, there was a nearly equal-probability sample of households across all 89 stands.

Persons within the sample of households or group quarters were the fourth stage of sample selection. All eligible members within a household were listed, and a subsample of individuals was selected based on sex, age, and race or ethnicity. The definitions of the sex, age, race or ethnic classes, subsampling rates, and designation of potential sample persons within screened households were developed to provide approximately self-weighting samples for each subdomain within geographic strata and at the same time to maximize the average number of sample persons per sample household. Previous NHANES indicated that this increased the overall participation rate. Although the exact sample sizes were not known until data collection was completed, estimates were made. Below is a summary of the sample sizes for the full six-year NHANES III at each stage of selection:

Number of PSU's	81
Number of stands (survey locations)	89
Number of segments	2,144
Number of households screened	93,653
Number of households with sample persons	19,528
Number of designated sample persons	39,695
Number of interviewed sample persons	33,994
Number of MEC-examined sample persons	30,818
Number of home-examined sample persons	493

More detailed information on the sample design and weighting and estimation procedures for NHANES III can be found in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (NCHS, 1994; U.S. DHHS, 1996) and in the Analytic and Reporting Guidelines: Third National Health and Nutrition Examination Survey (NHANES III), 1988-94 (U.S. DHHS, 1996).

Analysis Guidelines

Because of the complex survey design used in NHANES III, traditional methods of statistical analysis based on the assumption of a simple random sample are not applicable. Detailed descriptions of this issue and possible analytic methods for analyzing NHANES data have been described earlier (NCHS, 1985; Yetley, 1987; Landis, 1982; Delgado, 1990). Recent analytic and reporting guidelines that should be used for most NHANES III analyses and publications are contained in Analytic and Reporting Guidelines (U.S. DHHS, 1996). These recommendations differ slightly from those used by analysts for previous NHANES surveys. These suggested guidelines provide a framework to users for producing estimates that conform to the analytic design of the survey. All users are strongly urged to review these analytic and reporting guidelines before beginning any analyses of NHANES III data.

It is important to remember that this set of statistical guidelines is not absolute. When conducting analyses, the analyst needs to use his/her

subject matter knowledge (including methodological issues) as well as information about the survey design. The more one deviates from the original analytic categories defined in the sample design, the more important it is to evaluate the results carefully and to interpret the findings cautiously.

In NHANES III, 89 survey locations were randomly divided into two sets or phases, the first consisting of 44 and the other of 45 locations. One set of PSU's was allocated to the first three-year survey period (1988-91) and the other set to the second three-year period (1991-94). Therefore, unbiased national estimates of health and nutrition characteristics can be independently produced for each phase as well as for both phases combined. Computation of national estimates from both phases combined (i.e., total NHANES III) is the preferred option; individual phase estimates may be highly variable. In addition, individual phase estimates are not statistically independent. It is also difficult to evaluate whether differences in individual phase estimates are real or due to methodological differences. That is, differences may be due to changes in sampling methods or data collection methodology over time. At this time, there is no valid statistical test for examining differences between Phase 1 and Phase 2. Therefore, although point estimates can be produced separately for each phase, no test is available to test whether those estimates are significantly different from each other.

NHANES III is based on a complex, multi-stage probability sample design. Several aspects of the NHANES design must be taken into account in data analysis, including the sample weights and the complex survey design. Appropriate sample weights are needed to estimate prevalence, means, medians, and other statistics. Sample weights are used to produce correct population estimates because each sample person does not have the same probability of selection. The sample weights incorporate the differential probabilities of selection and include adjustments for noncoverage and nonresponse. A detailed discussion of nonresponse adjustments and issues related to survey coverage have been published (U.S. DHHS, 1996). With the large oversampling of young children, older persons, black persons, and Mexican-Americans in NHANES III, it is essential that the sample weights be used in all analyses. Otherwise, a misinterpretation of results is highly likely. Other aspects of the design that must be taken into account in data analyses are the strata and PSU pairings from the sample design. These pairings should be used to estimate variances and test for statistical significance. For weighted analyses, analysts can use special computer software packages that use an appropriate method for estimating variances for complex samples such as SUDAAN (Shah, 1995) and WesVarPC (Westat, 1996).

Although initial exploratory analyses may be performed on unweighted data using standard statistical packages and assuming simple random sampling, final analyses should be done on weighted data using appropriate sample weights. A summary of the weighting methodology and the type of sample weights developed for NHANES III is included in Weighting and Estimation Methodology (U.S. DHHS, 1996).

The purpose of weighting the sample data is to permit analysts to produce estimates of statistics that would have been obtained if the entire sampling frame (the United States) had been surveyed. Sample weights can be considered as measures of the number of persons the particular sample

observation represents. Weighting takes into account several features of

the survey: the specific probabilities of selection for the individual domains that were oversampled as well as nonresponse and differences between the sample and the total U.S. population. Differences between the sample and

the population may arise due to sampling variability, differential undercoverage in the survey among demographic groups, and possibly other types of response errors, such as differential response rates or misclassification errors. Sample weighting in NHANES III was used to:

1. Compensate for differential probabilities of selection among subgroups (i.e., age-sex-race-ethnicity subdomains where persons living in different geographic strata were sampled at different rates);
2. Reduce biases arising from the fact that nonrespondents may be different from those who participate;
3. Bring sample data up to the dimensions of the target population totals;
4. Compensate, to the extent possible, for inadequacies in the sampling frame (resulting from omissions of some housing units in the listing of area segments, omissions of persons with no fixed address, etc.); and
5. To reduce variances in the estimation procedure by using auxiliary information that is known with a high degree of accuracy.

In NHANES III, the sample weighting was carried out in three stages. The first stage involved the computation of weights to compensate for unequal probabilities of selection (objective 1, above). The second stage adjusted for nonresponse (objective 2). The third stage used poststratification of the sample weights to Census Bureau estimates of the U.S. population to accomplish the third, fourth, and fifth objectives simultaneously. In NHANES III, several types of sample weights (see the sample weights table that follows) were computed for the interviewed and examined sample and are included in the NHANES III data file. Also, sample weights were computed separately for Phase 1 (1988-91), Phase 2 (1991-94), and total NHANES III (1988-94) to facilitate analysis of items collected only in Phase 1, only in Phase 2, and over six years of the survey. Three sets of pseudo strata and PSU pairings are provided to use with SUDAAN in variance estimation. Since NHANES III is based on a complex, multi-stage sample design, appropriate sample weights should be used in analyses to produce national estimates of prevalence and associated variances while accounting for unequal probability of selection of sample persons. For example, the final interview weight, WTPFQX6, should be used for analysis of the items or questions from the family or household questionnaires, and the final MEC examination weight, WTPFEX6, should be used for analysis of the questionnaires and measurements administered in the MEC. Furthermore, for a combined analysis of measurements from the MEC examinations and associated medical history questions from the household interview, the final MEC examination weight, WTPFEX6, should be used. We recommend using SUDAAN (Shah, 1995) to estimate statistics of interest and the associated variance. However, one can also use other published methods for variance estimation. Application of SUDAAN and alternative methods, such as the average design effect approach, balance repeated replication (BRR) methods, or jackknife methods for variance estimation, are discussed in Weighting and Estimation Methodology (U.S. DHHS, 1996).

Appropriate Uses of the NHANES III Sample Weights

Final interview weight, WTPFQX6

Use only in conjunction with the sample interviewed at home and with items collected during the household interview.

Final examination (MEC only) weight, WTPFEX6

Use only in conjunction with the MEC-examined sample and with interview and examination items collected at the MEC.

Final MEC+home examination weight, WTPFHX6

Use only in conjunction with the MEC+home-examined sample and with items collected at both the MEC and home.

Final allergy weight, WTPFALG6

Use only in conjunction with the allergy subsample and with items collected as part of the allergy component of the exam.

Final CNS weight, WTPFCNS6

Use only in conjunction with the CNS subsample and with items collected as part of the CNS component of the exam.

Final morning examination (MEC only) subsample weight, WTPFSD6

Use only in conjunction with the MEC-examined persons assigned to the morning subsample and only with items collected in the MEC exam.

Final afternoon/evening examination (MEC only) subsample weight, WTPFMD6

Use only in conjunction with the MEC-examined persons assigned to the afternoon/evening subsample and only with items collected in the MEC exam.

Final morning examination (MEC+home) subsample weight, WTPFHSD6

Use only in conjunction with the MEC- and home-examined persons assigned to the morning subsample and with items collected during the MEC and home examinations.

Final afternoon/evening examination (MEC+home) weight, WTPFHMD6

Use only in conjunction with the MEC- and home-examined persons assigned to the afternoon/evening subsample and with items collected during the MEC and home examinations.

DATA PREPARATION AND PROCESSING PROCEDURES

Automated data collection procedures for the survey were introduced in NHANES III. In the mobile examination centers, data for the interview and examination components were recorded directly onto a computerized data collection form. With the exception of a few independently automated systems, the system was centrally integrated. This operation allowed for ongoing monitoring of much of the data. Before the introduction of the computer-assisted personal interview (CAPI), the household questionnaire data were reviewed manually by field editors and interviewers. CAPI (1992-1994 only) questionnaires featured built-in edits to prevent entering inconsistencies and out-of-range responses. The multi-level data collection and quality control systems are discussed in detail in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996). All interview, laboratory, and examination data were sent to NCHS for final processing.

Guidelines were developed that provided standards for naming variables, filling missing values and coding conventional responses, handling missing records, and standardizing two-part quantity/unit questionnaire variables. NCHS staff, assisted by contract staff, developed data editing specifications that checked data sets for valid codes, ranges, and skip pattern consistencies and examined the consistency of values between interrelated variables. Comments, collected in both interviews and examination components, were reviewed and recoded when possible. Responses to "Other" and "Specify" were recoded either to existing code categories or to new categories. The documentation for each data set includes notes for those variables that have been recoded and standardized and for those variables that differ significantly from what appears in the original data collection instrument. While the data have undergone many quality control and editing procedures, there still may be values that appear extreme or illogical. Values that varied considerably from what was expected were examined by analysts who checked for comments or other responses that might help to clarify unusual values. Generally, values were retained unless they could not possibly be true, in which case they were changed to "Blank but applicable." Therefore, the user must review each data set for extreme or inconsistent values and determine the status of each value for analysis.

Several editing conventions were used in the creation of final analytic data sets:

1. Standardized variables were created to replace all two-part quantity/unit questions using standard conversion factors. Standardized variables have the same name as the variable of the two-part question with an "S" suffix. For instance, MAPF18S (Months received WIC benefits) in the MEC Adult Questionnaire was created from the two-part response option to question F18, "How long did you receive benefits from the WIC program?," using the conversion factor 12 months per year.
2. Recoded variables were created by combining responses from two or more like variables, or by collapsing responses to create a summary variable for the purpose of confidentiality. Recoded variables have the original variable name with an R suffix. For example, place of birth

variable (HFA6X) in the Family Questionnaire was collapsed to a three level response category (U.S., Mexico, Other) and renamed HFA6XR. Generally, only the recoded variable has been included in the data file.

3. Fill values, a series of one or more digits, were used to represent certain specific conditions or responses. Below is a list of the fill values that were employed. Some of the fill values pertain only to questionnaire data, although 8-fill and blank-fill values are found in all data sets. Other fill values, not included in this list, are used to represent component-specific conditions.

6-fills = Varies/varied. (Questionnaires only)

7-fills = Fewer than the smallest number that could be reported within the question structure (e.g., fewer than one cigarette per day). (Questionnaires only)

8-fills = Blank but applicable/cannot be determined. This means that a respondent was eligible to receive the question, test, or component but did not because of refusal, lack of time, lack of staff, loss of data, broken vial, language barrier, unreliability, or other similar reasons.

9-fills = Don't know. This fill was used only when a respondent did not know the response to a question and said, "I don't know." (Questionnaires only)

Blank fills = Inapplicable. If a respondent was not eligible for a questionnaire, test, or component because of age, gender, or specific reason, the variable was blank-filled. In the questionnaire, if a respondent was not asked a question because of a skip-pattern, variables corresponding to the question were blank-filled. For examination or laboratory components, if a person was excluded by a defined protocol (e.g., screening exclusion questions) and these criteria are included in the data set, then the corresponding variables were blank-filled for that person. For home examinees, variables for examination components and blood tests not performed as part of the home examination protocol were blank-filled.

4. For variables describing discrete data, codes of zero (0) were used to mean "none," "never," or the equivalent. Value labels for which "0" is used include: "has not had," "never regularly," "still taking," or "never stopped using." Unless otherwise labeled, for variables containing continuous data, "zero" means "zero."
5. Where there are logical skip patterns in the flow of the questionnaire or examination component, the skip was indicated by placing the variable label of the skip destination in parentheses as part of the value label of the response generating the skip. For example, in the Physical Function Evaluation, the variable PFPWC (in wheelchair) has a value label, "2 No (PFPSCOOT)" that means that the next item for persons not in a wheelchair would be represented by the variable, PFPSCOOT.

Variable Nomenclature

A unique name was assigned to every NHANES III variable using a standard convention. By following this naming convention, the origin of each variable is clear, and there is no chance of overlaying similar variables across multiple components. Variables range in length from three to eight characters. The first two variable characters represent the topic (e.g., analyte, questionnaire instrument, examination component) and are listed below alphabetically by topic. For questionnaires administered in the household, the remainder of the variable name following the first two characters indicates the question section and number. For example, data for the response to the Household Adult Questionnaire question B1 are contained in the variable HAB1. For most laboratory and examination variables, as well as some other variables, a "P" in the third position refers to "primary" and the remainder of the variable name is a brief description of the item. For instance, in the Laboratory Data File, information on the length of time the person fasted before the first blood draw is contained in the variable PHPFAST. The variable PHPFAST was derived as follows: characters 1-2 (PH) refer to "phlebotomy," character 3 (P) refers to "primary," characters 4-8 (FAST) refer to an abbreviation for "fasting."

CODE	TOPIC
AT	Alanine aminotransferase (from biochemistry profile)
AM	Albumin (from biochemistry profile)
AP	Alkaline phosphatase (from biochemistry profile)
AL	Allergy skin test
AC	Alpha carotene
AN	Anisocytosis
TM	Antimicrosomal antibodies
TA	Antithyroglobulin antibodies
AA	Apolipoprotein (AI)
AB	Apolipoprotein (B)
AS	Aspartate aminotransferase (from biochemistry profile)
LA	Atypical lymphocyte
AU	Audiometry
BA	Band
BO	Basophil
BS	Basophilic stippling
BC	Beta carotene
BX	Beta cryptoxanthin
BL	Blast
BU	Blood urea nitrogen (BUN) (from biochemistry profile)
BM	Body measurements
BD	Bone densitometry
C1	C-peptide (first venipuncture)
C2	C-peptide (second venipuncture)
CR	C-reactive protein
UD	Cadmium
CN	Central nervous system function evaluation
CL	Chloride (from biochemistry profile)
CO	Cotinine
CE	Creatinine (serum)(from biochemistry profile)
UR	Creatinine (urine)

CODE	TOPIC
DM	Demographic
DE	Dental examination
MQ	Diagnostic interview schedule
DR	Dietary recall (total nutrient intakes)
EO	Eosinophil
EP	Erythrocyte protoporphyrin
FR	Ferritin
FB	Fibrinogen
RB	Folate (RBC)
FO	Folate (serum)
FH	Follicle stimulating hormone (FSH)
FP	Fundus photography
GG	Gamma glutamyl transferase (GGT) (from biochemistry profile)
GU	Gallbladder ultrasonography
GB	Globulin (from biochemistry profile)
G1	Glucose (first venipuncture)
G2	Glucose (second venipuncture)
SG	Glucose (from biochemistry profile)
GH	Glycated hemoglobin
GR	Granulocyte
C3	HCO ₃ (Bicarbonate)(from biochemistry profile)
HD	HDL cholesterol
HP	Helicobacter pylori antibody
HT	Hematocrit
HG	Hemoglobin
AH	Hepatitis A antibody (HAV)
HB	Hepatitis B core antibody (anti-HBc)
SS	Hepatitis B surface antibody (anti-HBs)
SA	Hepatitis B surface antigen (HBsAg)
HC	Hepatitis C antibody (HCV)
DH	Hepatitis D antibody (HDV)
H1	Herpes 1 antibody
H2	Herpes 2 antibody
HX	Home examination (general)
HO	Homocysteine
HF	Household family questionnaire
HA	Household adult questionnaire
HQ	Household questionnaire variables (composite)
HS	Household screener questionnaire
HY	Household youth questionnaire
HZ	Hypochromia
I1	Insulin (first venipuncture)
I2	Insulin (second venipuncture)
UI	Iodine (urine)
FE	Iron
SF	Iron (from biochemistry profile)
LD	Lactate dehydrogenase (from biochemistry profile)
L1	Latex antibody
LC	LDL cholesterol (calculated)
PB	Lead
LP	Lipoprotein (a)
LH	Luteinizing hormone

CODE	TOPIC
LU	Lutein/zeaxanthin
LY	Lycopene
LM	Lymphocyte
MR	Macrocyte
MC	Mean cell hemoglobin (MCH)
MH	Mean cell hemoglobin concentration (MCHC)
MV	Mean cell volume (MCV)
PV	Mean platelet volume
MA	MEC adult questionnaire
MX	MEC examination (general)
FF	Dietary food frequency (ages 12-16 years)
MP	MEC proxy questionnaire
MY	MEC youth questionnaire
ME	Metamyelocyte
MI	Microcyte
MO	Monocyte
MN	Mononuclear cell
ML	Myelocyte
IC	Normalized calcium (derived from ionized calcium)
OS	Osmolality (from biochemistry profile)
PH	Phlebotomy data collected in MEC (e.g., questions)
PS	Phosphorus (from biochemistry profile)
PF	Physical function evaluation
PE	Physician's examination
PL	Platelet
DW	Platelet distribution width
PK	Poikilocytosis
PO	Polychromatophilia
SK	Potassium (from biochemistry profile)
PR	Promyelocyte
RC	Red blood cell count (RBC)
RW	Red cell distribution width (RDW)
RE	Retinyl esters
RF	Rheumatoid factor antibody
RU	Rubella antibody
WT	Sample weights
SE	Selenium
SI	Sickle cell
NA	Sodium (from biochemistry profile)
SH	Spherocyte
SP	Spirometry
SD	Survey design
TT	Target cell
TE	Tetanus
TH	Thyroid Stimulating Hormone (TSH)
T4	Thyroxine
TB	Total bilirubin (from biochemistry profile)
CA	Total calcium
SC	Total calcium (from biochemistry profile)
TC	Total cholesterol
CH	Total cholesterol (from biochemistry profile)
TI	Total iron binding capacity (TIBC)
TP	Total protein (from biochemistry profile)

TX Toxic granulation

CODE TOPIC

TO Toxoplasmosis antibody
PX Transferrin saturation
TG Triglycerides
TR Triglycerides (from biochemistry profile)
TY Tympanometry
UA Uric acid (from biochemistry profile)
UB Urinary albumin
VU Vacuolated cells
VR Varicella antibody
VA Vitamin A
VB Vitamin B12
VC Vitamin C
VD Vitamin D
VE Vitamin E
WC White blood cell count (WBC)
WW WISC/WRAT cognitive test

GENERAL REFERENCES

- Delgado JL, Johnson CL, Roy I, Trevino FM. Hispanic Health and Nutrition Examination Survey: methodological considerations. Amer J Pub Health 80(suppl.):6-10. 1990.
- Engel A, Murphy RS, Maurer K, Collins E. Plan and operation of the HANES I Augmentation Survey of Adults 25-74 Years, United States, 1974-75. National Center for Health Statistics. Vital Health Stat 1(14). 1978.
- Freeman DH, Freeman JL, Brock DB, Koch GG. Strategies in the multivariate analysis of data from complex surveys II: an application to the United States National Health Interview Survey. Int Stat Rev 40(3):317-30. 1976.
- Khare M, Mohadjer LK, Ezzati-Rice TM, Waksberg J. An evaluation of nonresponse bias in NHANES III (1988-91). 1994 Proceedings of the Survey Research Methods section of the American Statistical Association. 1994.
- Landis JR, Lepkowski JM, Eklund SA, Stehouwer SA. A statistical methodology for analyzing data from a complex survey, the first National Health and Nutrition Examination Survey. National Center for Health Statistics. Vital Health Stat 2(92). 1982.
- McDowell A, Engel A, Massey JT, Maurer K. Plan and operation of the second National Health and Nutrition Examination Survey, 1976-80. National Center for Health Statistics. Vital Health Stat 1(15). 1981.
- Miller HW. Plan and operation of the Health and Nutrition Examination Survey, United States, 1971-1973. National Center for Health Statistics. Vital Health Stat 1(10a) and (10b). 1973.
- National Center for Health Statistics. Plan and initial program of the Health Examination Survey. Vital Health Stat 1(4). 1965.
- National Center for Health Statistics. Plan and operation of a health examination survey of U.S. youths 12-17 years of age. Vital Health Stat 1(8). 1969.
- National Center for Health Statistics. Plan and operation of the Hispanic Health and Nutrition Examination Survey, 1982-84. Vital Health Stat 1(19). 1985.
- National Center for Health Statistics. Plan and operation of the Third National Health and Nutrition Examination Survey, 1988-94. Vital Health Stat 1(32). 1994.
- National Center for Health Statistics. Plan, operation, and response results of a program of children's examinations. Vital Health Stat 1(5). 1967.
- Shah BV, Barnwell BG, Bieler GS. SUDAAN User's Manual: Software for Analysis of Correlated Data. Research Triangle Park, NC: Research Triangle Institute. Release 6.04. 1995.
- Skinner CJ. Aggregated analysis: standard errors and significance tests.

In: Skinner CJ, Holt D, Smith TMF, eds. Analysis of complex surveys. New York: John Wiley and Sons, Inc. 1989.

U.S. Department of Health and Human Services (DHHS). National Center for Health Statistics. NHANES III reference manuals and reports (CD-ROM). Hyattsville, MD: Centers for Disease Control and Prevention, 1996. Available from National Technical Information Service (NTIS), Springfield, VA. Acrobat .PDF format; includes access software: Adobe Systems, Inc. Acrobat Reader 2.1.

Westat, Inc. A User's Guide to WesVarPC. Rockville, MD. Westat, Inc. 1996.

Yetley E, Johnson C. Nutritional applications of the Health and Nutrition Examination Surveys (HANES). Annu Rev Nutr 7:441-63. 1987.

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
COMPOSITE HOUSEHOLD ADULT/YOUTH DATA		
Dietary supplement product code	HQVMCODE	1-6
Acerola (mg)	HQVM001	7-13
Adrenal glandulars (mg)	HQVM002	14-20
Adrenal substance (mg)	HQVM003	21-27
Aged garlic extract powder (mg)	HQVM004	28-34
Agrimony herb (mg)	HQVM005	35-41
Alanine (mg)	HQVM006	42-48
Alcohol (percent)	HQVM007	49-55
Alfalfa (mg)	HQVM008	56-62
Alfalfa extract (mg)	HQVM009	63-69
Alfalfa powder (mg)	HQVM010	70-76
Algin (mg)	HQVM011	77-83
Aloe vera (units unknown)	HQVM012	84-90
American centuary powder (mg)	HQVM013	91-97
Amino acid complex (mg)	HQVM014	98-104
Amylase (mg)	HQVM015	105-111
Anise (mg)	HQVM016	112-118
Apple cider vinegar (mg)	HQVM017	119-125
Apple pectin (mg)	HQVM018	126-132
Arginine (mg)	HQVM019	133-139
Asparagus powder (mg)	HQVM020	140-146
Aspartic acid (mg)	HQVM021	147-153
Astraglus (bai chi) (mg)	HQVM022	154-160
Astraglus root (mg)	HQVM023	161-167
Barley grass (mg)	HQVM024	168-174
Barley grass powder (mg)	HQVM025	175-181
Barley juice (mg)	HQVM026	182-188
Barley juice extract (mg)	HQVM027	189-195
Barley leaves (mg)	HQVM028	196-202
Bee pollen (mg)	HQVM029	203-209
Bee pollen powder (mg)	HQVM030	210-216
Bee propolis (mg)	HQVM031	217-223
Bee propolis powder (mg)	HQVM032	224-230
Beef peptone (mg)	HQVM033	231-237
Beet powder (mg)	HQVM034	238-244
Bentonite clay (mg)	HQVM035	245-251
Beta carotene (percent of vitamin A)	HQVM036	252-258
Beta sitosterol (micrograms)	HQVM037	259-265

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Betaine hydrochloride (mg)	HQVM038	266-272
Bilberry (mg)	HQVM039	273-279
Bilberry powder (mg)	HQVM040	280-286
Bioflavonoids (mg)	HQVM041	287-293
Biotin (micrograms)	HQVM042	294-300
Black cohosh (mg)	HQVM043	301-307
Black cohosh powder (mg)	HQVM044	308-314
Black currant (mg)	HQVM045	315-321
Black currant seed oil (mg)	HQVM046	322-328
Black walnut hulls (mg)	HQVM047	329-335
Blessed thistle (mg)	HQVM048	336-342
Blessed thistle powder (mg)	HQVM049	343-349
Blue cohosh (mg)	HQVM050	350-356
Bone meal (mg)	HQVM051	357-363
Boron (micrograms)	HQVM052	364-370
Bovine liver pmg extract (mg)	HQVM053	371-377
Bovine orchic cytosol extract (mg)	HQVM054	378-384
Bovine spleen pmg extract (mg)	HQVM055	385-391
Bovine thymus cytosol extract (mg)	HQVM056	392-398
Bovine thymus pmg extract (mg)	HQVM057	399-405
Brewer's yeast (mg)	HQVM058	406-412
Broccoli (mg)	HQVM059	413-419
Broccoli extract (mg)	HQVM060	420-426
Broccoli powder (mg)	HQVM061	427-433
Bromelain (mg)	HQVM062	434-440
Buchu extract (mg)	HQVM063	441-447
Burberry root (mg)	HQVM064	448-454
Burdock (mg)	HQVM065	455-461
Burdock root (mg)	HQVM066	462-468
Butcher's broom root (mg)	HQVM067	469-475
Cabbage powder (mg)	HQVM068	476-482
Calcitriol (micrograms)	HQVM069	483-489
Calcium (mg)	HQVM070	490-496
Calcium caseinate (mg)	HQVM071	497-503
Calories (kcal)	HQVM072	504-510
Campesterol (micrograms)	HQVM073	511-517
Caprylic acid (mg)	HQVM074	518-524
Carbamide (mg)	HQVM075	525-531
Carotenoids (mg)	HQVM076	532-538
Carrot (mg)	HQVM077	539-545

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Cascara sagrada (mg)	HQVM078	546-552
Cascara sagrada bark (mg)	HQVM079	553-559
Cayenne (capsicum) (mg)	HQVM080	560-566
Cellulase (mg)	HQVM081	567-573
Chamomile flowers powder (mg)	HQVM082	574-580
Chaparral (mg)	HQVM083	581-587
Charcoal (mg)	HQVM084	588-594
Chickweed (mg)	HQVM085	595-601
Chinese green tea extract (mg)	HQVM086	602-608
Chlorella (mg)	HQVM087	609-615
Chloride (mg)	HQVM088	616-622
Chlorophyll (mg)	HQVM089	623-629
Choline (mg)	HQVM090	630-636
Choline bitartrate (mg)	HQVM091	637-643
Choline complex (mg)	HQVM092	644-650
Chromium (mcg)	HQVM093	651-657
Cider vinegar (mg)	HQVM094	658-664
Cider vinegar powder (mg)	HQVM095	665-671
Cinnamon powder (mg)	HQVM096	672-678
Citrus bioflavonoid complex (mg)	HQVM097	679-685
Citrus bioflavonoids (mg)	HQVM098	686-692
Citrus pectin (mg)	HQVM099	693-699
Cobalt (mg)	HQVM100	700-706
Coenzyme Q10 (mg)	HQVM101	707-713
Concentrated garlic oil (mg)	HQVM102	714-720
Copper (mg)	HQVM103	721-727
Cranberry - fresh juice equivalent (mg)	HQVM104	728-734
Cranberry (mg)	HQVM105	735-741
Cranberry concentrate (mg)	HQVM106	742-748
Cubeb powder (mg)	HQVM107	749-755
Cysteine (mg)	HQVM108	756-762
Cystine (mg)	HQVM109	763-769
Damiana leaves (mg)	HQVM110	770-776
Dandelion root (mg)	HQVM111	777-783
Dehydrated alfalfa (mg)	HQVM112	784-790
Dehydrated vegetable blend (mg)	HQVM113	791-797
Deoxyribonucleic acid (DNA) (mg)	HQVM114	798-804
Desiccated liver (mg)	HQVM115	805-811
Dessicated stomach substance (mg)	HQVM116	812-818
Dihydrotachysterol (mg)	HQVM117	819-825

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Dimethyl aminoethanol bitartrate (mg)	HQVM118	826-832
DL-methionine (mg)	HQVM119	833-839
DL-phenylalanine (mg)	HQVM120	840-846
Docosahexaenoic acid (DHA) (mg)	HQVM121	847-853
Docusate sodium (mg)	HQVM122	854-860
Dong quai (mg)	HQVM123	861-867
Dong quai root powder (mg)	HQVM124	868-874
Echinacea (mg)	HQVM125	875-881
Echinacea root (mg)	HQVM126	882-888
Echinacea root and herb (mg)	HQVM127	889-895
Eicosapentaenoic acid (mg)	HQVM128	896-902
Eriocitrin (mg)	HQVM129	903-909
Essential fatty acid complex (mg)	HQVM130	910-916
Evening primrose oil (mg)	HQVM131	917-923
Eyebright (mg)	HQVM132	924-930
Fennel (mg)	HQVM133	931-937
Ferulic acid (mg)	HQVM134	938-944
Feverfew extract (mg)	HQVM135	945-951
Fiber (mg)	HQVM136	952-958
Fish oil concentrate (mg)	HQVM137	959-965
Fluoride (mg)	HQVM138	966-972
Folic acid (micrograms)	HQVM139	973-979
Freeze dried liver (mg)	HQVM140	980-986
Fructooligosaccharides (mg)	HQVM141	987-993
Fruit concentrate (mg)	HQVM142	994-1000
Gamma linoleic acid (GLA) (mg)	HQVM143	1001-1007
Ganoderma herb (mg)	HQVM144	1008-1014
Garlic - fresh equivalent (mg)	HQVM145	1015-1021
Garlic (mg)	HQVM146	1022-1028
Garlic concentrate (mg)	HQVM147	1029-1035
Garlic oil (mg)	HQVM148	1036-1042
Garlic powder (mg)	HQVM149	1043-1049
Gelatin (mg)	HQVM150	1050-1056
Ginger root (mg)	HQVM151	1057-1063
Ginkgo bilboa concentrate (mg)	HQVM152	1064-1070
Ginkgo bilboa extract (mg)	HQVM153	1071-1077
Ginkgo bilboa (mg)	HQVM154	1078-1084
Ginseng, unspecified (mg)	HQVM155	1085-1091
Glandulars (mg)	HQVM156	1092-1098
Glucosamine sulfate (mg)	HQVM157	1099-1105

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Glutamic acid (mg)	HQVM158	1106-1112
Glutathione (mg)	HQVM159	1113-1119
Glycine (mg)	HQVM160	1120-1126
Golden rod herb powder (mg)	HQVM161	1127-1133
Golden seal (mg)	HQVM162	1134-1140
Golden seal root (mg)	HQVM163	1141-1147
Gotu kola (mg)	HQVM164	1148-1154
Gotu kola concentrate (mg)	HQVM165	1155-1161
Gotu kola powder (mg)	HQVM166	1162-1168
Grape seed extract (mg)	HQVM167	1169-1175
Grape skin extract (mg)	HQVM168	1176-1182
Grapefruit powder (mg)	HQVM169	1183-1189
Grapefruit powder concentrate (mg)	HQVM170	1190-1196
Guar gum (units unknown)	HQVM171	1197-1203
Guarana (mg)	HQVM172	1204-1210
Guarana powder (mg)	HQVM173	1211-1217
Hawthorn (mg)	HQVM174	1218-1224
Hawthorn berries (mg)	HQVM175	1225-1231
Hemicellulase (mg)	HQVM176	1232-1238
Hemoglobin (mg)	HQVM177	1239-1245
Herbal powder (mg)	HQVM178	1246-1252
Hesperidin (mg)	HQVM179	1253-1259
Hesperidin complex (mg)	HQVM180	1260-1266
Histadine (mg)	HQVM181	1267-1273
Horsetail extract (mg)	HQVM182	1274-1280
Horsetail herb powder (mg)	HQVM183	1281-1287
Hydrolyzed gelatin (mg)	HQVM184	1288-1294
Hydroxylysine (mg)	HQVM185	1295-1301
Hydroxyproline (mg)	HQVM186	1302-1308
Hypericum perforatum extract (mg)	HQVM187	1309-1315
Inosine (mg)	HQVM188	1316-1322
Inositol (mg)	HQVM189	1323-1329
Inulin (mg)	HQVM190	1330-1336
Iodine (micrograms)	HQVM191	1337-1343
Iron (mg)	HQVM192	1344-1350
Isoleucine (mg)	HQVM193	1351-1357
Juniper berry (mg)	HQVM194	1358-1364
Juniper berry extract (mg)	HQVM195	1365-1371
Juniper berry powder (mg)	HQVM196	1372-1378
Juniper oil (mg)	HQVM197	1379-1385

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Kelp (mg)	HQVM198	1386-1392
Kola nut (mg)	HQVM199	1393-1399
Korean ginseng (mg)	HQVM200	1400-1406
Korean ginseng concentrate (mg)	HQVM201	1407-1413
Korean ginseng extract (mg)	HQVM202	1414-1420
Korean ginseng powder (mg)	HQVM203	1421-1427
Korean ginseng root (mg)	HQVM204	1428-1434
L-acidoph.,bifidus,bulgaricus cult. (mg)	HQVM205	1435-1441
L-alanine (mg)	HQVM206	1442-1448
L-arginine (mg)	HQVM207	1449-1455
L-aspartic acid (mg)	HQVM208	1456-1462
L-carnitine (mg)	HQVM209	1463-1469
L-citruline (mg)	HQVM210	1470-1476
L-cysteine (mg)	HQVM211	1477-1483
L-cystine (mg)	HQVM212	1484-1490
L-glutamic acid (mg)	HQVM213	1491-1497
L-glutamine (mg)	HQVM214	1498-1504
L-glutathione (mg)	HQVM215	1505-1511
L-glycine (mg)	HQVM216	1512-1518
L-histadine (mg)	HQVM217	1519-1525
L-isoleucine (mg)	HQVM218	1526-1532
L-leucine (mg)	HQVM219	1533-1539
L-lysine (mg)	HQVM220	1540-1546
L-methionine (mg)	HQVM221	1547-1553
L-ornithine (mg)	HQVM222	1554-1560
L-phenylalanine (mg)	HQVM223	1561-1567
L-proline (mg)	HQVM224	1568-1574
L-serine (mg)	HQVM225	1575-1581
L-taurine (units unknown)	HQVM226	1582-1588
L-threonine (mg)	HQVM227	1589-1595
L-tryptophan (mg)	HQVM228	1596-1602
L-tyrosine (mg)	HQVM229	1603-1609
L-valine (mg)	HQVM230	1610-1616
Lactase (mg)	HQVM231	1617-1623
Lactobacillus acidophilus (mg)	HQVM232	1624-1630
Lecithin (mg)	HQVM233	1631-1637
Lemon bioflavonoid complex (mg)	HQVM234	1638-1644
Leucine (mg)	HQVM235	1645-1651
Levocarnitine (mg)	HQVM236	1652-1658
Licorice extract (mg)	HQVM237	1659-1665

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Licorice root (mg)	HQVM238	1666-1672
Licorice root powder (mg)	HQVM239	1673-1679
Ligustrum berries (mg)	HQVM240	1680-1686
Linoleic acid (mg)	HQVM241	1687-1693
Lipase (mg)	HQVM242	1694-1700
Liver (mg)	HQVM243	1701-1707
Liver concentrate (mg)	HQVM244	1708-1714
Liver-stomach concentrate (mg)	HQVM245	1715-1721
Lutein (mg)	HQVM246	1722-1728
Lysine (mg)	HQVM247	1729-1735
Magnesium (mg)	HQVM248	1736-1742
Mahuang extract (mg)	HQVM249	1743-1749
Malt diastase (mg)	HQVM250	1750-1756
Malt whey (mg)	HQVM251	1757-1763
Mammary glandulars (mg)	HQVM252	1764-1770
Manganese (mg)	HQVM253	1771-1777
Marshmallow (mg)	HQVM254	1778-1784
Marshmallow root (mg)	HQVM255	1785-1791
Medium chain triglycerides (mg)	HQVM256	1792-1798
Menadiol sodium diphosphate (mg)	HQVM257	1799-1805
Methionine (mg)	HQVM258	1806-1812
Milk thistle (mg)	HQVM259	1813-1819
Milk thistle extract (mg)	HQVM260	1820-1826
Molybdenum (micrograms)	HQVM261	1827-1833
Mustard seed powder (mg)	HQVM262	1834-1840
Mylase (mg)	HQVM263	1841-1847
Myrrh gum (mg)	HQVM264	1848-1854
N-acetyl cysteine(NAC) (mg)	HQVM265	1855-1861
Nettle (mg)	HQVM266	1862-1868
Nettles leaves (mg)	HQVM267	1869-1875
Niacin (mg)	HQVM268	1876-1882
Nickel (micrograms)	HQVM269	1883-1889
Nucleic acid (mg)	HQVM270	1890-1896
Oat bran (mg)	HQVM271	1897-1903
Oat straw (mg)	HQVM272	1904-1910
Octacosanol (micrograms)	HQVM273	1911-1917
Oleic acid (mg)	HQVM274	1918-1924
Olive oil (mg)	HQVM275	1925-1931
Omega-3 fish oil concentrate (mg)	HQVM276	1932-1938
Onion - fresh equivalent (mg)	HQVM277	1939-1945

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Orchic glandulars (mg)	HQVM278	1946-1952
Ovarian glandulars (mg)	HQVM279	1953-1959
Ox bile (mg)	HQVM280	1960-1966
Oyster extract (mg)	HQVM281	1967-1973
Palmitic acid (mg)	HQVM282	1974-1980
Pancreatin (mg)	HQVM283	1981-1987
Pantothenic acid (mg)	HQVM284	1988-1994
Papain (mg)	HQVM285	1995-2001
Para-aminobenzoic acid (PABA) (mg)	HQVM286	2002-2008
Parsley powder (mg)	HQVM287	2009-2015
Parsley - fresh equivalent (mg)	HQVM288	2016-2022
Parsley (mg)	HQVM289	2023-2029
Parsley oil (mg)	HQVM290	2030-2036
Parsley seed oil (mg)	HQVM291	2037-2043
Parthenium root (mg)	HQVM292	2044-2050
Passionflower powder (mg)	HQVM293	2051-2057
Pau d'arco bark (mg)	HQVM294	2058-2064
Pectin (mg)	HQVM295	2065-2071
Peppermint (mg)	HQVM296	2072-2078
Pepsin (mg)	HQVM297	2079-2085
Phenylalanine (mg)	HQVM298	2086-2092
Phosphatidylcholine (mg)	HQVM299	2093-2099
Phosphorus (mg)	HQVM300	2100-2106
Pituitary glandulars (mg)	HQVM301	2107-2113
Polycarbophil (mg)	HQVM302	2114-2120
Potassium (mg)	HQVM303	2121-2127
Potassium bicarbonate (mg)	HQVM304	2128-2134
Potassium chloride (mg)	HQVM305	2135-2141
Potassium gluconate (mg)	HQVM306	2142-2148
Potassium para-aminobenzoate (mg)	HQVM307	2149-2155
Proanthocyanidins (mg)	HQVM308	2156-2162
Prolase (micrograms)	HQVM309	2163-2169
Proline (mg)	HQVM310	2170-2176
Prostate glandulars (mg)	HQVM311	2177-2183
Protease (units unknown)	HQVM312	2184-2190
Psyllium (grams)	HQVM313	2191-2197
Psyllium hulls (mg)	HQVM314	2198-2204
Psyllium hydrophilic mucilloid (grams)	HQVM315	2205-2211
Psyllium seed (mg)	HQVM316	2212-2218
Psyllium seed husks (mg)	HQVM317	2219-2225

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Pumpkin seed (mg)	HQVM318	2226-2232
Pycnogenol (micrograms)	HQVM319	2233-2239
Quercetin (mg)	HQVM320	2240-2246
Raw kidney tissue (mg)	HQVM321	2247-2253
Raw ovary concentrate (mg)	HQVM322	2254-2260
Red bone marrow (mg)	HQVM323	2261-2267
Red clover (mg)	HQVM324	2268-2274
Riboflavin (vitamin B-2) (mg)	HQVM325	2275-2281
Ribonucleic acid (RNA) (mg)	HQVM326	2282-2288
Rice bran (units unknown)	HQVM327	2289-2295
Rose hips (mg)	HQVM328	2296-2302
Royal jelly (mg)	HQVM329	2303-2309
Royal jelly powder (mg)	HQVM330	2310-2316
Rutin (mg)	HQVM331	2317-2323
Safflower oil (mg)	HQVM332	2324-2330
Sarsaparilla root (mg)	HQVM333	2331-2337
Saw palmetto berries (mg)	HQVM334	2338-2344
Saw palmetto extract (mg)	HQVM335	2345-2351
Schizandra fruit (berries) (mg)	HQVM336	2352-2358
Scullcap (mg)	HQVM337	2359-2365
Selenium (micrograms)	HQVM338	2366-2372
Senna leaf powder (mg)	HQVM339	2373-2379
Serine (mg)	HQVM340	2380-2386
Shark cartilage (mg)	HQVM341	2387-2393
Shiitake mushrooms (mg)	HQVM342	2394-2400
Siberian ginseng (mg)	HQVM343	2401-2407
Siberian ginseng powder (mg)	HQVM344	2408-2414
Siberian ginseng root (mg)	HQVM345	2415-2421
Silica (micrograms)	HQVM346	2422-2428
Silicon (mg)	HQVM347	2429-2435
Slippery elm (mg)	HQVM348	2436-2442
Slippery elm bark (mg)	HQVM349	2443-2449
Sodium (mg)	HQVM350	2450-2456
Sodium copper chlorophyllin (mg)	HQVM351	2457-2463
Spirulina (mg)	HQVM352	2464-2470
Spleen substance (mg)	HQVM353	2471-2477
Stearic acid (mg)	HQVM354	2478-2484
Stigmasterol (micrograms)	HQVM355	2485-2491
Stomach substance (mg)	HQVM356	2492-2498
Sulphur (mg)	HQVM357	2499-2505

NHANES III Dietary Supplement Ingredient Concentration Data File Index

Description	Variable Name	Positions
Suma (mg)	HQVM358	2506-2512
Superoxide dismutase (SOD) (micrograms)	HQVM359	2513-2519
Thiamin (vitamin B-1) (mg)	HQVM360	2520-2526
Threonine (mg)	HQVM361	2527-2533
Thymus substance (mg)	HQVM362	2534-2540
Tin (micrograms)	HQVM363	2541-2547
Tomato powder (mg)	HQVM364	2548-2554
Tryptophan (mg)	HQVM365	2555-2561
Tyrosine (mg)	HQVM366	2562-2568
Unsaturated fatty acids (mg)	HQVM367	2569-2575
Uterine glandulars (mg)	HQVM368	2576-2582
Uva ursi (mg)	HQVM369	2583-2589
Uva ursi extract (mg)	HQVM370	2590-2596
Uva ursi powder (mg)	HQVM371	2597-2603
Vacuum dried bovine and ovine spleen(mg)	HQVM372	2604-2610
Vacuum dried bovine liver (mg)	HQVM373	2611-2617
Vacuum dried bovine parathyroid (mg)	HQVM374	2618-2624
Valerian root (mg)	HQVM375	2625-2631
Valerian root powder (mg)	HQVM376	2632-2638
Valine (mg)	HQVM377	2639-2645
Vanadium (micrograms)	HQVM378	2646-2652
Vanadyl sulfate (micrograms)	HQVM379	2653-2659
Veal bone pmg extract (mg)	HQVM380	2660-2666
Vitamin A (IU)	HQVM381	2667-2674
Vitamin B-12 (micrograms)	HQVM382	2675-2681
Vitamin B-6 (mg)	HQVM383	2682-2688
Vitamin C (mg)	HQVM384	2689-2695
Vitamin D (IU)	HQVM385	2696-2702
Vitamin E (IU)	HQVM386	2703-2709
Vitamin K (micrograms)	HQVM387	2710-2716
Watercress (units unknown)	HQVM388	2717-2723
Watermelon seeds powder (mg)	HQVM389	2724-2730
Wheat bran (mg)	HQVM390	2731-2737
Wheat germ oil (mg)	HQVM391	2738-2744
Wheat germ powder (mg)	HQVM392	2745-2751
Wheat grass (mg)	HQVM393	2752-2758
Wheat grass juice powder (mg)	HQVM394	2759-2765
Wheat sprout complex (mg)	HQVM395	2766-2772
White willow bark (mg)	HQVM396	2773-2779
Wood betony (mg)	HQVM397	2780-2786

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
42-48 HQVM006	4	Alanine (mg) 0002.55-0000140	
	56	8888888 Blank but applicable	
	2376	Blank	
49-55 HQVM007	29	Alcohol (percent) 00000.1-0000035	
	55	8888888 Blank but applicable	
	2352	Blank	
56-62 HQVM008	8	Alfalfa (mg) 0000005-0000648	
	57	8888888 Blank but applicable	
	2371	Blank	
63-69 HQVM009	2	Alfalfa extract (mg) 0000001-0000250	
	55	8888888 Blank but applicable	
	2379	Blank	
70-76 HQVM010	1	Alfalfa powder (mg) 0000285	
	55	8888888 Blank but applicable	
	2380	Blank	
77-83 HQVM011	2	Algin (mg) 0000025-0000060	
	55	8888888 Blank but applicable	
	2379	Blank	
84-90 HQVM012	57	Aloe vera (units unknown) 8888888 Blank but applicable	
	2379	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
91-97 HQVM013	1	American centuary powder (mg) 00012.5	
	55	8888888 Blank but applicable	
	2380	Blank	
98-104 HQVM014	1	Amino acid complex (mg) 0000080	
	55	8888888 Blank but applicable	
	2380	Blank	
105-111 HQVM015	4	Amylase (mg) 0001.25-0005000	
	56	8888888 Blank but applicable	
	2376	Blank	
112-118 HQVM016	1	Anise (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
119-125 HQVM017	1	Apple cider vinegar (mg) 0000040	
	55	8888888 Blank but applicable	
	2380	Blank	
126-132 HQVM018	5	Apple pectin (mg) 0001.67-0000020	
	55	8888888 Blank but applicable	
	2376	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
133-139 HQVM019	7	Arginine (mg) 0000.32-0144.67	
	56	8888888 Blank but applicable	
	2373	Blank	
140-146 HQVM020	1	Asparagus powder (mg) 0000020	
	55	8888888 Blank but applicable	
	2380	Blank	
147-153 HQVM021	4	Aspartic acid (mg) 0003.92-0301.33	
	56	8888888 Blank but applicable	
	2376	Blank	
154-160 HQVM022	1	Astragalus (bai chi) (mg) 00012.5	
	55	8888888 Blank but applicable	
	2380	Blank	
161-167 HQVM023	2	Astragalus root (mg) 0000020-0000200	
	55	8888888 Blank but applicable	
	2379	Blank	
168-174 HQVM024	6	Barley grass (mg) 00002.5-0000500	
	55	8888888 Blank but applicable	
	2375	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
175-181 HQVM025	2	Barley grass powder (mg) 0000025-0000030	
	55	8888888 Blank but applicable	
	2379	Blank	
182-188 HQVM026	1	Barley juice (mg) 0000003	
	55	8888888 Blank but applicable	
	2380	Blank	
189-195 HQVM027	1	Barley juice extract (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
196-202 HQVM028	1	Barley leaves (mg) 0000050	
	55	8888888 Blank but applicable	
	2380	Blank	
203-209 HQVM029	22	Bee pollen (mg) 0001.67-0000586	
	56	8888888 Blank but applicable	
	2358	Blank	
210-216 HQVM030	2	Bee pollen powder (mg) 0000025	
	55	8888888 Blank but applicable	
	2379	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
217-223 HQVM031	1	Bee propolis (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
224-230 HQVM032	1	Bee propolis powder (mg) 00012.5	
	55	8888888 Blank but applicable	
	2380	Blank	
231-237 HQVM033	3	Beef peptone (mg) 0006.67	
	55	8888888 Blank but applicable	
	2378	Blank	
238-244 HQVM034	1	Beet powder (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
245-251 HQVM035	1	Bentonite clay (mg) 0000020	
	55	8888888 Blank but applicable	
	2380	Blank	
252-258 HQVM036	317	Beta carotene (percent of vitamin A) 0000004-0000100	
	218	8888888 Blank but applicable	
	1901	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
259-265 HQVM037	1	Beta sitosterol (micrograms) 0004400	
	55	8888888 Blank but applicable	
	2380	Blank	
266-272 HQVM038	44	Betaine hydrochloride (mg) 0000005-0000096	
	55	8888888 Blank but applicable	
	2337	Blank	
273-279 HQVM039	2	Bilberry (mg) 0001.11-0000002	
	55	8888888 Blank but applicable	
	2379	Blank	
280-286 HQVM040	1	Bilberry powder (mg) 0000002	
	55	8888888 Blank but applicable	
	2380	Blank	
287-293 HQVM041	4	Bioflavonoids (mg) 0002.78-0000100	
	57	8888888 Blank but applicable	
	2375	Blank	
294-300 HQVM042	482	Biotin (micrograms) 0000.25-0003000	
	55	8888888 Blank but applicable	
	1899	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
301-307 HQVM043	1	Black cohosh (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
308-314 HQVM044	1	Black cohosh powder (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
315-321 HQVM045	2	Black currant (mg) 00012.5-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	
322-328 HQVM046	2	Black currant seed oil (mg) 0016.67	
	55	8888888 Blank but applicable	
	2379	Blank	
329-335 HQVM047	1	Black walnut hulls (mg) 0000495	
	55	8888888 Blank but applicable	
	2380	Blank	
336-342 HQVM048	1	Blessed thistle (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
343-349 HQVM049	1	Blessed thistle powder (mg) 00012.5	
	55	8888888 Blank but applicable	
	2380	Blank	
350-356 HQVM050	1	Blue cohosh (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
357-363 HQVM051	2	Bone meal (mg) 0302.33	
	55	8888888 Blank but applicable	
	2379	Blank	
364-370 HQVM052	102	Boron (micrograms) 0000.25-0003000	
	55	8888888 Blank but applicable	
	2279	Blank	
371-377 HQVM053	1	Bovine liver pmg extract (mg) 00082.5	
	55	8888888 Blank but applicable	
	2380	Blank	
378-384 HQVM054	1	Bovine orchic cytosol extract (mg) 0000095	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
385-391 HQVM055	1	Bovine spleen pmg extract (mg) 00022.5	
	55	8888888 Blank but applicable	
	2380	Blank	
392-398 HQVM056	2	Bovine thymus cytosol extract (mg) 00017.5-0000040	
	55	8888888 Blank but applicable	
	2379	Blank	
399-405 HQVM057	1	Bovine thymus pmg extract (mg) 00017.5	
	55	8888888 Blank but applicable	
	2380	Blank	
406-412 HQVM058	1	Brewer's yeast (mg) 0000400	
	55	8888888 Blank but applicable	
	2380	Blank	
413-419 HQVM059	2	Broccoli (mg) 0022.22-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	
420-426 HQVM060	1	Broccoli extract (mg) 0000008	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
427-433 HQVM061	1	Broccoli powder (mg) 000020	
	55	8888888 Blank but applicable	
	2380	Blank	
434-440 HQVM062	7	Bromelain (mg) 0001.67-0000500	
	55	8888888 Blank but applicable	
	2374	Blank	
441-447 HQVM063	2	Buchu extract (mg) 33.3333-0000050	
	56	8888888 Blank but applicable	
	2378	Blank	
448-454 HQVM064	1	Burberry root (mg) 0010.75	
	55	8888888 Blank but applicable	
	2380	Blank	
455-461 HQVM065	1	Burdock (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
462-468 HQVM066	1	Burdock root (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
469-475 HQVM067	2	Butcher's broom root (mg) 0000400-0000470	
	55	8888888 Blank but applicable	
	2379	Blank	
476-482 HQVM068	1	Cabbage powder (mg) 0000020	
	56	8888888 Blank but applicable	
	2379	Blank	
483-489 HQVM069	7	Calcitriol (micrograms) 0000.25-0000350	
	55	8888888 Blank but applicable	
	2374	Blank	
490-496 HQVM070	623	Calcium (mg) 00000.9-0001000	
	59	8888888 Blank but applicable	
	1754	Blank	
497-503 HQVM071	3	Calcium caseinate (mg) 0000650	
	55	8888888 Blank but applicable	
	2378	Blank	
504-510 HQVM072	19	Calories (kcal) 0000003-0000115	
	55	8888888 Blank but applicable	
	2362	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
511-517 HQVM073	1	Campesterol (micrograms) 0001600	
	55	8888888 Blank but applicable	
	2380	Blank	
518-524 HQVM074	1	Caprylic acid (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
525-531 HQVM075	1	Carbamide (mg) 00057.5	
	55	8888888 Blank but applicable	
	2380	Blank	
532-538 HQVM076	2	Carotenoids (mg) 0001.33	
	55	8888888 Blank but applicable	
	2379	Blank	
539-545 HQVM077	2	Carrot (mg) 0000005-0022.22	
	55	8888888 Blank but applicable	
	2379	Blank	
546-552 HQVM078	1	Cascara sagrada (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
553-559 HQVM079	2	Cascara sagrada bark (mg) 0000040-0000390	
	55	8888888 Blank but applicable	
	2379	Blank	
560-566 HQVM080	4	Cayenne (capsicum) (mg) 00007.5-0000500	
	55	8888888 Blank but applicable	
	2377	Blank	
567-573 HQVM081	1	Cellulase (mg) 0000010	
	56	8888888 Blank but applicable	
	2379	Blank	
574-580 HQVM082	1	Chamomile flowers powder (mg) 0000050	
	55	8888888 Blank but applicable	
	2380	Blank	
581-587 HQVM083	2	Chaparral (mg) 0000250-0000300	
	55	8888888 Blank but applicable	
	2379	Blank	
588-594 HQVM084	2	Charcoal (mg) 0000015-00259.2	
	55	8888888 Blank but applicable	
	2379	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
595-601 HQVM085	2	Chickweed (mg) 0000375-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	
602-608 HQVM086	1	Chinese green tea extract (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
609-615 HQVM087	6	Chlorella (mg) 0000003-0000500	
	55	8888888 Blank but applicable	
	2375	Blank	
616-622 HQVM088	157	Chloride (mg) 0000.03-00186.6	
	55	8888888 Blank but applicable	
	2224	Blank	
623-629 HQVM089	6	Chlorophyll (mg) 0001.67-0000050	
	56	8888888 Blank but applicable	
	2374	Blank	
630-636 HQVM090	79	Choline (mg) 00000.5-0000293	
	56	8888888 Blank but applicable	
	2301	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
637-643 HQVM091	52	Choline bitartrate (mg) 0000.25-0000200	
	56	8888888 Blank but applicable	
	2328	Blank	
644-650 HQVM092	1	Choline complex (mg) 0000215	
	55	8888888 Blank but applicable	
	2380	Blank	
651-657 HQVM093	262	Chromium (mcg) 0000001-0000200	
	57	8888888 Blank but applicable	
	2117	Blank	
658-664 HQVM094	8	Cider vinegar (mg) 0033.33-0000050	
	55	8888888 Blank but applicable	
	2373	Blank	
665-671 HQVM095	4	Cider vinegar powder (mg) 0000050	
	55	8888888 Blank but applicable	
	2377	Blank	
672-678 HQVM096	1	Cinnamon powder (mg) 0000150	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
679-685 HQVM097	3	Citrus bioflavonoid complex (mg) 0008.33-0000025	
	55	8888888 Blank but applicable	
	2378	Blank	
686-692 HQVM098	71	Citrus bioflavonoids (mg) 0001.67-0000500	
	55	8888888 Blank but applicable	
	2310	Blank	
693-699 HQVM099	3	Citrus pectin (mg) 0000015-0000100	
	55	8888888 Blank but applicable	
	2378	Blank	
700-706 HQVM100	1	Cobalt (mg) 00.0001	
	55	8888888 Blank but applicable	
	2380	Blank	
707-713 HQVM101	16	Coenzyme Q10 (mg) 0000.03-0166.67	
	55	8888888 Blank but applicable	
	2365	Blank	
714-720 HQVM102	1	Concentrated garlic oil (mg) 0000001	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
721-727 HQVM103	360	Copper (mg) 00.0001-0000500	
	61	8888888 Blank but applicable	
	2015	Blank	
728-734 HQVM104	1	Cranberry - fresh juice equivalent (mg) 0001132	
	55	8888888 Blank but applicable	
	2380	Blank	
735-741 HQVM105	1	Cranberry (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
742-748 HQVM106	2	Cranberry concentrate (mg) 0000140	
	55	8888888 Blank but applicable	
	2379	Blank	
749-755 HQVM107	1	Cubeb powder (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
756-762 HQVM108	3	Cysteine (mg) 0000.19-0000025	
	56	8888888 Blank but applicable	
	2377	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
763-769 HQVM109	5	Cystine (mg) 0000.21-0049.33	
	55	8888888 Blank but applicable	
	2376	Blank	
770-776 HQVM110	2	Damiana leaves (mg) 0000035-0000350	
	55	8888888 Blank but applicable	
	2379	Blank	
777-783 HQVM111	1	Dandelion root (mg) 0000515	
	55	8888888 Blank but applicable	
	2380	Blank	
784-790 HQVM112	1	Dehydrated alfalfa (mg) 0000650	
	55	8888888 Blank but applicable	
	2380	Blank	
791-797 HQVM113	2	Dehydrated vegetable blend (mg) 0000047-0000800	
	55	8888888 Blank but applicable	
	2379	Blank	
798-804 HQVM114	9	Deoxyribonucleic acid (DNA) (mg) 0000.25-0000100	
	55	8888888 Blank but applicable	
	2372	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
805-811 HQVM115	16	Desiccated liver (mg) 0000010-0000486	
	55	8888888 Blank but applicable	
	2365	Blank	
812-818 HQVM116	1	Dessicated stomach substance (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
819-825 HQVM117	1	Dihydrotachysterol (mg) 000.125	
	55	8888888 Blank but applicable	
	2380	Blank	
826-832 HQVM118	1	Dimethyl aminoethanol bitartrate (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
833-839 HQVM119	1	DL-methionine (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
840-846 HQVM120	1	DL-phenylalanine (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
847-853 HQVM121	13	Docosahexaenoic acid (DHA) (mg) 0000034-0000420	
	55	8888888 Blank but applicable	
	2368	Blank	
854-860 HQVM122	6	Docusate sodium (mg) 0000020-0002500	
	56	8888888 Blank but applicable	
	2374	Blank	
861-867 HQVM123	7	Dong quai (mg) 00012.5-0000500	
	55	8888888 Blank but applicable	
	2374	Blank	
868-874 HQVM124	1	Dong quai root powder (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
875-881 HQVM125	5	Echinacea (mg) 0000025-0000500	
	55	8888888 Blank but applicable	
	2376	Blank	
882-888 HQVM126	1	Echinacea root (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
889-895 HQVM127	1	Echinacea root and herb (mg) 0000404	
	55	8888888 Blank but applicable	
	2380	Blank	
896-902 HQVM128	13	Eicosapentaenoic acid (mg) 0000033-0000460	
	55	8888888 Blank but applicable	
	2368	Blank	
903-909 HQVM129	2	Eriocitrin (mg) 0000001	
	55	8888888 Blank but applicable	
	2379	Blank	
910-916 HQVM130	1	Essential fatty acid complex (mg) 00012.5	
	55	8888888 Blank but applicable	
	2380	Blank	
917-923 HQVM131	3	Evening primrose oil (mg) 0000500	
	55	8888888 Blank but applicable	
	2378	Blank	
924-930 HQVM132	2	Eyebright (mg) 0000430-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
931-937 HQVM133	1	Fennel (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
938-944 HQVM134	1	Ferulic acid (mg) 0000.33	
	55	8888888 Blank but applicable	
	2380	Blank	
945-951 HQVM135	1	Feverfew extract (mg) 0000250	
	55	8888888 Blank but applicable	
	2380	Blank	
952-958 HQVM136	3	Fiber (mg) 0000250-0000900	
	56	8888888 Blank but applicable	
	2377	Blank	
959-965 HQVM137	5	Fish oil concentrate (mg) 0001000	
	55	8888888 Blank but applicable	
	2376	Blank	
966-972 HQVM138	63	Fluoride (mg) 000.125-0000001	
	55	8888888 Blank but applicable	
	2318	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
973-979 HQVM139	817	Folic acid (micrograms) 0000.92-0001000	
	56	8888888 Blank but applicable	
	1563	Blank	
980-986 HQVM140	2	Freeze dried liver (mg) 0000100-00712.8	
	55	8888888 Blank but applicable	
	2379	Blank	
987-993 HQVM141	1	Fructooligosaccharides (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
994-1000 HQVM142	1	Fruit concentrate (mg) 0000060	
	55	8888888 Blank but applicable	
	2380	Blank	
1001-1007 HQVM143	2	Gamma linoleic acid (GLA) (mg) 0000045	
	55	8888888 Blank but applicable	
	2379	Blank	
1008-1014 HQVM144	1	Ganoderma herb (mg) 0000020	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1015-1021 HQVM145	25	Garlic - fresh equivalent (mg) 0000100-0002500	
	55	8888888 Blank but applicable	
	2356	Blank	
1022-1028 HQVM146	5	Garlic (mg) 0000010-0000300	
	55	8888888 Blank but applicable	
	2376	Blank	
1029-1035 HQVM147	1	Garlic concentrate (mg) 0333.33	
	55	8888888 Blank but applicable	
	2380	Blank	
1036-1042 HQVM148	1	Garlic oil (mg) 0000003	
	55	8888888 Blank but applicable	
	2380	Blank	
1043-1049 HQVM149	4	Garlic powder (mg) 0000015-0000500	
	55	8888888 Blank but applicable	
	2377	Blank	
1050-1056 HQVM150	9	Gelatin (mg) 0000005-0000650	
	55	8888888 Blank but applicable	
	2372	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1057-1063 HQVM151	2	Ginger root (mg) 0000010-0000025	
	55	8888888 Blank but applicable	
	2379	Blank	
1064-1070 HQVM152	1	Ginkgo bilboa concentrate (mg) 0000040	
	55	8888888 Blank but applicable	
	2380	Blank	
1071-1077 HQVM153	2	Ginkgo bilboa extract (mg) 0000.67-0000040	
	55	8888888 Blank but applicable	
	2379	Blank	
1078-1084 HQVM154	4	Ginkgo bilboa (mg) 00002.5-0000030	
	55	8888888 Blank but applicable	
	2377	Blank	
1085-1091 HQVM155	10	Ginseng, unspecified (mg) 0003.75-0001000	
	55	8888888 Blank but applicable	
	2371	Blank	
1092-1098 HQVM156	1	Glandulars (mg) 0000035	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1099-1105 HQVM157	1	Glucosamine sulfate (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
1106-1112 HQVM158	22	Glutamic acid (mg) 0001.33-0933.33	
	56	8888888 Blank but applicable	
	2358	Blank	
1113-1119 HQVM159	4	Glutathione (mg) 00000.5-0000005	
	55	8888888 Blank but applicable	
	2377	Blank	
1120-1126 HQVM160	11	Glycine (mg) 0001.63-1066.67	
	56	8888888 Blank but applicable	
	2369	Blank	
1127-1133 HQVM161	1	Golden rod herb powder (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
1134-1140 HQVM162	5	Golden seal (mg) 0000035-0000500	
	55	8888888 Blank but applicable	
	2376	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1141-1147 HQVM163	1 55 2380	Golden seal root (mg) 0000535 8888888 Blank but applicable Blank	
1148-1154 HQVM164	1 56 2379	Gotu kola (mg) 0000080 8888888 Blank but applicable Blank	
1155-1161 HQVM165	1 55 2380	Gotu kola concentrate (mg) 0000100 8888888 Blank but applicable Blank	
1162-1168 HQVM166	1 55 2380	Gotu kola powder (mg) 00012.5 8888888 Blank but applicable Blank	
1169-1175 HQVM167	2 55 2379	Grape seed extract (mg) 0000001-0002.22 8888888 Blank but applicable Blank	
1176-1182 HQVM168	1 55 2380	Grape skin extract (mg) 0000022 8888888 Blank but applicable Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1183-1189 HQVM169	1	Grapefruit powder (mg) 0000033	
	55	8888888 Blank but applicable	
	2380	Blank	
1190-1196 HQVM170	1	Grapefruit powder concentrate (mg) 0000050	
	55	8888888 Blank but applicable	
	2380	Blank	
1197-1203 HQVM171	57	Guar gum (units unknown) 8888888 Blank but applicable	
	2379	Blank	
1204-1210 HQVM172	3	Guarana (mg) 0000156-0001000	
	55	8888888 Blank but applicable	
	2378	Blank	
1211-1217 HQVM173	5	Guarana powder (mg) 0000025-0000800	
	55	8888888 Blank but applicable	
	2376	Blank	
1218-1224 HQVM174	1	Hawthorn (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
1225-1231 HQVM175	2	Hawthorn berries (mg) 0002.08-0000550	
	55	8888888 Blank but applicable	
	2379	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1232-1238 HQVM176	1	Hemicellulase (mg) 00002.5	
	55	8888888 Blank but applicable	
	2380	Blank	
1239-1245 HQVM177	1	Hemoglobin (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
1246-1252 HQVM178	3	Herbal powder (mg) 0000033-0000285	
	55	8888888 Blank but applicable	
	2378	Blank	
1253-1259 HQVM179	34	Hesperidin (mg) 0001.67-0000100	
	55	8888888 Blank but applicable	
	2347	Blank	
1260-1266 HQVM180	12	Hesperidin complex (mg) 0001.67-0000050	
	55	8888888 Blank but applicable	
	2369	Blank	
1267-1273 HQVM181	8	Histadine (mg) 0000.18-0114.67	
	56	8888888 Blank but applicable	
	2372	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1274-1280 HQVM182	1	Horsetail extract (mg) 0000075	
	55	8888888 Blank but applicable	
	2380	Blank	
1281-1287 HQVM183	1	Horsetail herb powder (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
1288-1294 HQVM184	1	Hydrolyzed gelatin (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
1295-1301 HQVM185	3	Hydroxylysine (mg) 00003.6	
	55	8888888 Blank but applicable	
	2378	Blank	
1302-1308 HQVM186	3	Hydroxyproline (mg) 0000056	
	55	8888888 Blank but applicable	
	2378	Blank	
1309-1315 HQVM187	1	Hypericum perforatum extract (mg) 0000200	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1316-1322 HQVM188	8	Inosine (mg) 00002.5-0000100	
	55	8888888 Blank but applicable	
	2373	Blank	
1323-1329 HQVM189	116	Inositol (mg) 000.005-0000500	
	57	8888888 Blank but applicable	
	2263	Blank	
1330-1336 HQVM190	1	Inulin (mg) 0001.67	
	55	8888888 Blank but applicable	
	2380	Blank	
1337-1343 HQVM191	339	Iodine (micrograms) 0000.05-0000300	
	59	8888888 Blank but applicable	
	2038	Blank	
1344-1350 HQVM192	650	Iron (mg) 0000.13-0000150	
	55	8888888 Blank but applicable	
	1731	Blank	
1351-1357 HQVM193	10	Isoleucine (mg) 0000.74-0221.33	
	56	8888888 Blank but applicable	
	2370	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1358-1364 HQVM194	1	Juniper berry (mg) 0000400	
	55	8888888 Blank but applicable	
	2380	Blank	
1365-1371 HQVM195	1	Juniper berry extract (mg) 0000010	
	55	8888888 Blank but applicable	
	2380	Blank	
1372-1378 HQVM196	1	Juniper berry powder (mg) 0000150	
	55	8888888 Blank but applicable	
	2380	Blank	
1379-1385 HQVM197	1	Juniper oil (mg) 0000010	
	55	8888888 Blank but applicable	
	2380	Blank	
1386-1392 HQVM198	13	Kelp (mg) 0000005-0000100	
	55	8888888 Blank but applicable	
	2368	Blank	
1393-1399 HQVM199	2	Kola nut (mg) 0000050-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1400-1406 HQVM200	3	Korean ginseng (mg) 0016.67-00037.5	
	55	8888888 Blank but applicable	
	2378	Blank	
1407-1413 HQVM201	1	Korean ginseng concentrate (mg) 0000040	
	55	8888888 Blank but applicable	
	2380	Blank	
1414-1420 HQVM202	1	Korean ginseng extract (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
1421-1427 HQVM203	1	Korean ginseng powder (mg) 00012.5	
	55	8888888 Blank but applicable	
	2380	Blank	
1428-1434 HQVM204	2	Korean ginseng root (mg) 0000035-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	
1435-1441 HQVM205	1	L-acidoph.,bifidus,bulgaricus cult. (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1442-1448 HQVM206	8	L-alanine (mg) 0000031-0000400	
	55	8888888 Blank but applicable	
	2373	Blank	
1449-1455 HQVM207	11	L-arginine (mg) 0000028-0000625	
	56	8888888 Blank but applicable	
	2369	Blank	
1456-1462 HQVM208	8	L-aspartic acid (mg) 0000025-0413.33	
	55	8888888 Blank but applicable	
	2373	Blank	
1463-1469 HQVM209	9	L-carnitine (mg) 0000005-0002960	
	55	8888888 Blank but applicable	
	2372	Blank	
1470-1476 HQVM210	1	L-citruline (mg) 0053.75	
	55	8888888 Blank but applicable	
	2380	Blank	
1477-1483 HQVM211	7	L-cysteine (mg) 00002.5-00062.5	
	55	8888888 Blank but applicable	
	2374	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1484-1490 HQVM212	8	L-cystine (mg) 00002.6-0000050	
	56	8888888 Blank but applicable	
	2372	Blank	
1491-1497 HQVM213	10	L-glutamic acid (mg) 0000025-0000680	
	55	8888888 Blank but applicable	
	2371	Blank	
1498-1504 HQVM214	2	L-glutamine (mg) 0000040-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	
1505-1511 HQVM215	6	L-glutathione (mg) 0001.67-00012.5	
	55	8888888 Blank but applicable	
	2375	Blank	
1512-1518 HQVM216	3	L-glycine (mg) 0000019-0000250	
	55	8888888 Blank but applicable	
	2378	Blank	
1519-1525 HQVM217	9	L-histadine (mg) 00002.5-0000150	
	56	8888888 Blank but applicable	
	2371	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1526-1532 HQVM218	7	L-isoleucine (mg) 00002.5-0076.67	
	56	8888888 Blank but applicable	
	2373	Blank	
1533-1539 HQVM219	9	L-leucine (mg) 00002.5-0000300	
	56	8888888 Blank but applicable	
	2371	Blank	
1540-1546 HQVM220	35	L-lysine (mg) 0001.67-0000500	
	55	8888888 Blank but applicable	
	2346	Blank	
1547-1553 HQVM221	19	L-methionine (mg) 0000.21-0000500	
	56	8888888 Blank but applicable	
	2361	Blank	
1554-1560 HQVM222	6	L-ornithine (mg) 0000093-0000500	
	56	8888888 Blank but applicable	
	2374	Blank	
1561-1567 HQVM223	9	L-phenylalanine (mg) 00002.5-0133.33	
	56	8888888 Blank but applicable	
	2371	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1568-1574 HQVM224	8	L-proline (mg) 0000042-0000710	
	55	8888888 Blank but applicable	
	2373	Blank	
1575-1581 HQVM225	8	L-serine (mg) 0000025-0000180	
	55	8888888 Blank but applicable	
	2373	Blank	
1582-1588 HQVM226	56	L-aurine (units unknown) 8888888 Blank but applicable	
	2380	Blank	
1589-1595 HQVM227	9	L-threonine (mg) 00002.5-0000160	
	56	8888888 Blank but applicable	
	2371	Blank	
1596-1602 HQVM228	9	L-tryptophan (mg) 00007.8-0000100	
	55	8888888 Blank but applicable	
	2372	Blank	
1603-1609 HQVM229	11	L-tyrosine (mg) 00035.9-0000250	
	56	8888888 Blank but applicable	
	2369	Blank	
1610-1616 HQVM230	7	L-valine (mg) 00002.5-0173.33	
	56	8888888 Blank but applicable	
	2373	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1617-1623 HQVM231	1	Lactase (mg) 00002.5	
	55	8888888 Blank but applicable	
	2380	Blank	
1624-1630 HQVM232	5	Lactobacillus acidophilus (mg) 0000050-0000250	
	58	8888888 Blank but applicable	
	2373	Blank	
1631-1637 HQVM233	59	Lecithin (mg) 0000005-0001365	
	58	8888888 Blank but applicable	
	2319	Blank	
1638-1644 HQVM234	7	Lemon bioflavonoid complex (mg) 0000020-0000500	
	55	8888888 Blank but applicable	
	2374	Blank	
1645-1651 HQVM235	8	Leucine (mg) 0000.74-0415.33	
	56	8888888 Blank but applicable	
	2372	Blank	
1652-1658 HQVM236	1	Levocarnitine (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1659-1665 HQVM237	1	Licorice extract (mg) 0000007	
	55	8888888 Blank but applicable	
	2380	Blank	
1666-1672 HQVM238	2	Licorice root (mg) 00012.5-0000500	
	55	8888888 Blank but applicable	
	2379	Blank	
1673-1679 HQVM239	1	Licorice root powder (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
1680-1686 HQVM240	1	Ligustrum berries (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
1687-1693 HQVM241	4	Linoleic acid (mg) 0018.03-0000365	
	55	8888888 Blank but applicable	
	2377	Blank	
1694-1700 HQVM242	3	Lipase (mg) 0001.67-00002.5	
	56	8888888 Blank but applicable	
	2377	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1701-1707 HQVM243	2	Liver (mg) 0000100	
	55	8888888 Blank but applicable	
	2379	Blank	
1708-1714 HQVM244	4	Liver concentrate (mg) 0000010-0000100	
	55	8888888 Blank but applicable	
	2377	Blank	
1715-1721 HQVM245	2	Liver-stomach concentrate (mg) 0000240	
	55	8888888 Blank but applicable	
	2379	Blank	
1722-1728 HQVM246	1	Lutein (mg) 0077.78	
	55	8888888 Blank but applicable	
	2380	Blank	
1729-1735 HQVM247	8	Lysine (mg) 000.605-0000336	
	56	8888888 Blank but applicable	
	2372	Blank	
1736-1742 HQVM248	421	Magnesium (mg) 000.003-0000500	
	67	8888888 Blank but applicable	
	1948	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1743-1749 HQVM249	1	Mahuang extract (mg) 0111.33	
	55	8888888 Blank but applicable	
	2380	Blank	
1750-1756 HQVM250	4	Malt diastase (mg) 0000005-00032.5	
	55	8888888 Blank but applicable	
	2377	Blank	
1757-1763 HQVM251	1	Malt whey (mg) 0000200	
	55	8888888 Blank but applicable	
	2380	Blank	
1764-1770 HQVM252	1	Mammary glandulars (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
1771-1777 HQVM253	303	Manganese (mg) 00.0007-0000050	
	60	8888888 Blank but applicable	
	2073	Blank	
1778-1784 HQVM254	1	Marshmallow (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1785-1791 HQVM255	1 55 2380	Marshmallow root (mg) 0000020 8888888 Blank but applicable Blank	
1792-1798 HQVM256	2 55 2379	Medium chain triglycerides (mg) 0016.67-0014000 8888888 Blank but applicable Blank	
1799-1805 HQVM257	1 55 2380	Menadiol sodium diphosphate (mg) 0000005 8888888 Blank but applicable Blank	
1806-1812 HQVM258	10 56 2370	Methionine (mg) 0000.19-0121.33 8888888 Blank but applicable Blank	
1813-1819 HQVM259	3 55 2378	Milk thistle (mg) 0002.22-0000100 8888888 Blank but applicable Blank	
1820-1826 HQVM260	1 55 2380	Milk thistle extract (mg) 0001.67 8888888 Blank but applicable Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1827-1833 HQVM261	211	Molybdenum (micrograms) 00000.2-0000500	
	55	8888888 Blank but applicable	
	2170	Blank	
1834-1840 HQVM262	1	Mustard seed powder (mg) 0000150	
	55	8888888 Blank but applicable	
	2380	Blank	
1841-1847 HQVM263	1	Mylase (mg) 0000001	
	55	8888888 Blank but applicable	
	2380	Blank	
1848-1854 HQVM264	1	Myrrh gum (mg) 0000010	
	55	8888888 Blank but applicable	
	2380	Blank	
1855-1861 HQVM265	2	N-acetyl cysteine(NAC) (mg) 0011.11-0039.25	
	55	8888888 Blank but applicable	
	2379	Blank	
1862-1868 HQVM266	1	Nettle (mg) 0000450	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1869-1875 HQVM267	1	Nettles leaves (mg) 0000015	
	55	8888888 Blank but applicable	
	2380	Blank	
1876-1882 HQVM268	951	Niacin (mg) 0000.12-0000500	
	56	8888888 Blank but applicable	
	1429	Blank	
1883-1889 HQVM269	93	Nickel (micrograms) 0001.25-00007.5	
	55	8888888 Blank but applicable	
	2288	Blank	
1890-1896 HQVM270	4	Nucleic acid (mg) 0006.67	
	55	8888888 Blank but applicable	
	2377	Blank	
1897-1903 HQVM271	2	Oat bran (mg) 0000850	
	55	8888888 Blank but applicable	
	2379	Blank	
1904-1910 HQVM272	1	Oat straw (mg) 0000035	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1911-1917 HQVM273	10	Octacosanol (micrograms) 0000050-0001000	
	55	8888888 Blank but applicable	
	2371	Blank	
1918-1924 HQVM274	2	Oleic acid (mg) 00003.1	
	55	8888888 Blank but applicable	
	2379	Blank	
1925-1931 HQVM275	1	Olive oil (mg) 0000270	
	55	8888888 Blank but applicable	
	2380	Blank	
1932-1938 HQVM276	2	Omega-3 fish oil concentrate (mg) 0000015-0000065	
	55	8888888 Blank but applicable	
	2379	Blank	
1939-1945 HQVM277	1	Onion - fresh equivalent (mg) 0001000	
	55	8888888 Blank but applicable	
	2380	Blank	
1946-1952 HQVM278	1	Orchic glandulars (mg) 0000045	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1953-1959 HQVM279	1	Ovarian glandulars (mg) 0000019	
	55	8888888 Blank but applicable	
	2380	Blank	
1960-1966 HQVM280	1	Ox bile (mg) 0000060	
	55	8888888 Blank but applicable	
	2380	Blank	
1967-1973 HQVM281	1	Oyster extract (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
1974-1980 HQVM282	2	Palmitic acid (mg) 001.467	
	55	8888888 Blank but applicable	
	2379	Blank	
1981-1987 HQVM283	10	Pancreatin (mg) 0000010-00162.5	
	55	8888888 Blank but applicable	
	2371	Blank	
1988-1994 HQVM284	689	Pantothenic acid (mg) 000.015-0000150	
	56	8888888 Blank but applicable	
	1691	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
1995-2001 HQVM285	13	Papain (mg) 0003.33-00032.5	
	55	8888888 Blank but applicable	
	2368	Blank	
2002-2008 HQVM286	110	Para-aminobenzoic acid (PABA) (mg) 000.002-0000110	
	57	8888888 Blank but applicable	
	2269	Blank	
2009-2015 HQVM287	4	Parsley powder (mg) 0000001-0000227	
	55	8888888 Blank but applicable	
	2377	Blank	
2016-2022 HQVM288	5	Parsley - fresh equivalent (mg) 0000100	
	55	8888888 Blank but applicable	
	2376	Blank	
2023-2029 HQVM289	3	Parsley (mg) 0166.67-0000500	
	56	8888888 Blank but applicable	
	2377	Blank	
2030-2036 HQVM290	56	Parsley oil (mg) 8888888 Blank but applicable	
	2380	Blank	
2037-2043 HQVM291	1	Parsley seed oil (mg) 00001.1	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2044-2050 HQVM292	2	Parthenium root (mg) 000020	
	55	8888888 Blank but applicable	
	2379	Blank	
2051-2057 HQVM293	1	Passionflower powder (mg) 0000050	
	55	8888888 Blank but applicable	
	2380	Blank	
2058-2064 HQVM294	2	Pau d'arco bark (mg) 0000020-0000050	
	56	8888888 Blank but applicable	
	2378	Blank	
2065-2071 HQVM295	1	Pectin (mg) 0003.33	
	55	8888888 Blank but applicable	
	2380	Blank	
2072-2078 HQVM296	2	Peppermint (mg) 0003.33	
	55	8888888 Blank but applicable	
	2379	Blank	
2079-2085 HQVM297	4	Pepsin (mg) 00002.5-0033.33	
	55	8888888 Blank but applicable	
	2377	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2086-2092 HQVM298	8	Phenylalanine (mg) 0000.43-0221.33	
	56	8888888 Blank but applicable	
	2372	Blank	
2093-2099 HQVM299	2	Phosphatidylcholine (mg) 0001.25-0016.67	
	55	8888888 Blank but applicable	
	2379	Blank	
2100-2106 HQVM300	261	Phosphorus (mg) 0000003-0000250	
	56	8888888 Blank but applicable	
	2119	Blank	
2107-2113 HQVM301	2	Pituitary glandulars (mg) 0000005-0000030	
	55	8888888 Blank but applicable	
	2379	Blank	
2114-2120 HQVM302	1	Polycarbophil (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
2121-2127 HQVM303	285	Potassium (mg) 000.004-0000978	
	60	8888888 Blank but applicable	
	2091	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2128-2134 HQVM304	2	Potassium bicarbonate (mg) 0000070-0000975	
	55	8888888 Blank but applicable	
	2379	Blank	
2135-2141 HQVM305	37	Potassium chloride (mg) 0022.91-0003000	
	55	8888888 Blank but applicable	
	2344	Blank	
2142-2148 HQVM306	1	Potassium gluconate (mg) 0000010	
	55	8888888 Blank but applicable	
	2380	Blank	
2149-2155 HQVM307	1	Potassium para-aminobenzoate (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
2156-2162 HQVM308	1	Proanthocyanidins (mg) 00002.5	
	55	8888888 Blank but applicable	
	2380	Blank	
2163-2169 HQVM309	1	Prolase (micrograms) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2170-2176 HQVM310	4	Proline (mg) 0002.43-0494.67	
	56	8888888 Blank but applicable	
	2376	Blank	
2177-2183 HQVM311	2	Prostate glandulars (mg) 0000025-0000030	
	55	8888888 Blank but applicable	
	2379	Blank	
2184-2190 HQVM312	56	Protease (units unknown) 8888888 Blank but applicable	
	2380	Blank	
2191-2197 HQVM313	3	Psyllium (grams) 00003.4-0000004	
	55	8888888 Blank but applicable	
	2378	Blank	
2198-2204 HQVM314	1	Psyllium hulls (mg) 0000200	
	55	8888888 Blank but applicable	
	2380	Blank	
2205-2211 HQVM315	3	Psyllium hydrophilic mucilloid (grams) 00003.4-00003.5	
	55	8888888 Blank but applicable	
	2378	Blank	
2212-2218 HQVM316	1	Psyllium seed (mg) 0000600	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2219-2225 HQVM317	1	Psyllium seed husks (mg) 0000250	
	55	8888888 Blank but applicable	
	2380	Blank	
2226-2232 HQVM318	1	Pumpkin seed (mg) 0000015	
	55	8888888 Blank but applicable	
	2380	Blank	
2233-2239 HQVM319	3	Pycnogenol (micrograms) 00000.5-0025000	
	55	8888888 Blank but applicable	
	2378	Blank	
2240-2246 HQVM320	5	Quercetin (mg) 0006.25-0000025	
	55	8888888 Blank but applicable	
	2376	Blank	
2247-2253 HQVM321	1	Raw kidney tissue (mg) 0000030	
	55	8888888 Blank but applicable	
	2380	Blank	
2254-2260 HQVM322	1	Raw ovary concentrate (mg) 0000050	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2261-2267 HQVM323	6	Red bone marrow (mg) 0003.75-0000020	
	55	8888888 Blank but applicable	
	2375	Blank	
2268-2274 HQVM324	1	Red clover (mg) 0000250	
	55	8888888 Blank but applicable	
	2380	Blank	
2275-2281 HQVM325	918	Riboflavin (vitamin B-2) (mg) 000.008-0000150	
	57	8888888 Blank but applicable	
	1461	Blank	
2282-2288 HQVM326	13	Ribonucleic acid (RNA) (mg) 0000.25-0000100	
	55	8888888 Blank but applicable	
	2368	Blank	
2289-2295 HQVM327	57	Rice bran (units unknown) 8888888 Blank but applicable	
	2379	Blank	
2296-2302 HQVM328	4	Rose hips (mg) 0003.33-0000500	
	55	8888888 Blank but applicable	
	2377	Blank	
2303-2309 HQVM329	7	Royal jelly (mg) 00002.5-0000300	
	56	8888888 Blank but applicable	
	2373	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2310-2316 HQVM330	1	Royal jelly powder (mg) 00012.5	
	55	8888888 Blank but applicable	
	2380	Blank	
2317-2323 HQVM331	56	Rutin (mg) 0001.67-0000100	
	55	8888888 Blank but applicable	
	2325	Blank	
2324-2330 HQVM332	1	Safflower oil (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
2331-2337 HQVM333	2	Sarsaparilla root (mg) 0000375-0000425	
	55	8888888 Blank but applicable	
	2379	Blank	
2338-2344 HQVM334	1	Saw palmetto berries (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
2345-2351 HQVM335	1	Saw palmetto extract (mg) 0000080	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2352-2358 HQVM336	2	Schizandra fruit (berries) (mg) 000020-0000100	
	55	8888888 Blank but applicable	
	2379	Blank	
2359-2365 HQVM337	1	Scullcap (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
2366-2372 HQVM338	273	Selenium (micrograms) 0000.33-0000200	
	56	8888888 Blank but applicable	
	2107	Blank	
2373-2379 HQVM339	1	Senna leaf powder (mg) 0000175	
	55	8888888 Blank but applicable	
	2380	Blank	
2380-2386 HQVM340	3	Serine (mg) 0002.13-0000028	
	56	8888888 Blank but applicable	
	2377	Blank	
2387-2393 HQVM341	1	Shark cartilage (mg) 0000740	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2394-2400 HQVM342	1	Shiitake mushrooms (mg) 0000100	
	55	8888888 Blank but applicable	
	2380	Blank	
2401-2407 HQVM343	5	Siberian ginseng (mg) 0000010-0000404	
	56	8888888 Blank but applicable	
	2375	Blank	
2408-2414 HQVM344	1	Siberian ginseng powder (mg) 0000050	
	55	8888888 Blank but applicable	
	2380	Blank	
2415-2421 HQVM345	2	Siberian ginseng root (mg) 0000020-0000410	
	55	8888888 Blank but applicable	
	2379	Blank	
2422-2428 HQVM346	4	Silica (micrograms) 0000005-0003000	
	55	8888888 Blank but applicable	
	2377	Blank	
2429-2435 HQVM347	99	Silicon (mg) 00.0002-0000080	
	56	8888888 Blank but applicable	
	2281	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2436-2442 HQVM348	1	Slippery elm (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
2443-2449 HQVM349	1	Slippery elm bark (mg) 0000370	
	55	8888888 Blank but applicable	
	2380	Blank	
2450-2456 HQVM350	46	Sodium (mg) 0000.05-0000164	
	55	8888888 Blank but applicable	
	2335	Blank	
2457-2463 HQVM351	1	Sodium copper chlorophyllin (mg) 0000004	
	55	8888888 Blank but applicable	
	2380	Blank	
2464-2470 HQVM352	7	Spirulina (mg) 0000005-0333.33	
	55	8888888 Blank but applicable	
	2374	Blank	
2471-2477 HQVM353	1	Spleen substance (mg) 0004.17	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2478-2484 HQVM354	2	Stearic acid (mg) 000.733	
	55	8888888 Blank but applicable	
	2379	Blank	
2485-2491 HQVM355	1	Stigmasterol (micrograms) 0000200	
	55	8888888 Blank but applicable	
	2380	Blank	
2492-2498 HQVM356	1	Stomach substance (mg) 0000010	
	55	8888888 Blank but applicable	
	2380	Blank	
2499-2505 HQVM357	1	Sulphur (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
2506-2512 HQVM358	1	Suma (mg) 0000008	
	55	8888888 Blank but applicable	
	2380	Blank	
2513-2519 HQVM359	1	Superoxide dismutase (SOD) (micrograms) 0000005	
	56	8888888 Blank but applicable	
	2379	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2520-2526 HQVM360	930	Thiamin (vitamin B-1) (mg) 000.004-0000150	
	55	8888888 Blank but applicable	
	1451	Blank	
2527-2533 HQVM361	8	Threonine (mg) 0000.35-0000184	
	56	8888888 Blank but applicable	
	2372	Blank	
2534-2540 HQVM362	1	Thymus substance (mg) 0004.17	
	55	8888888 Blank but applicable	
	2380	Blank	
2541-2547 HQVM363	89	Tin (micrograms) 0000002-0000010	
	55	8888888 Blank but applicable	
	2292	Blank	
2548-2554 HQVM364	2	Tomato powder (mg) 0000010-22.2222	
	55	8888888 Blank but applicable	
	2379	Blank	
2555-2561 HQVM365	4	Tryptophan (mg) 00000.6-0065.33	
	55	8888888 Blank but applicable	
	2377	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2562-2568 HQVM366	5	Tyrosine (mg) 0001.48-0242.67	
	56	8888888 Blank but applicable	
	2375	Blank	
2569-2575 HQVM367	1	Unsaturated fatty acids (mg) 0001.67	
	55	8888888 Blank but applicable	
	2380	Blank	
2576-2582 HQVM368	1	Uterine glandulars (mg) 0000010	
	55	8888888 Blank but applicable	
	2380	Blank	
2583-2589 HQVM369	4	Uva ursi (mg) 0000025-0000500	
	55	8888888 Blank but applicable	
	2377	Blank	
2590-2596 HQVM370	1	Uva ursi extract (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	
2597-2603 HQVM371	1	Uva ursi powder (mg) 0000025	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2604-2610 HQVM372	1	Vacuum dried bovine and ovine spleen(mg) 0000020	
	55	8888888 Blank but applicable	
	2380	Blank	
2611-2617 HQVM373	1	Vacuum dried bovine liver (mg) 0000020	
	55	8888888 Blank but applicable	
	2380	Blank	
2618-2624 HQVM374	1	Vacuum dried bovine parathyroid (mg) 0000.77	
	55	8888888 Blank but applicable	
	2380	Blank	
2625-2631 HQVM375	1	Valerian root (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
2632-2638 HQVM376	1	Valerian root powder (mg) 0000050	
	55	8888888 Blank but applicable	
	2380	Blank	
2639-2645 HQVM377	9	Valine (mg) 0000.53-0000268	
	57	8888888 Blank but applicable	
	2370	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2646-2652 HQVM378	97	Vanadium (micrograms) 0000001-0000025	
	55	8888888 Blank but applicable	
	2284	Blank	
2653-2659 HQVM379	1	Vanadyl sulfate (micrograms) 0008.33	
	55	8888888 Blank but applicable	
	2380	Blank	
2660-2666 HQVM380	2	Veal bone pmg extract (mg) 00032.5-0000040	
	55	8888888 Blank but applicable	
	2379	Blank	
2667-2674 HQVM381	896	Vitamin A (IU) 00078.13-08888888	
	1540	Blank	
2675-2681 HQVM382	957	Vitamin B-12 (micrograms) 0000.19-0002000	
	55	8888888 Blank but applicable	
	1424	Blank	
2682-2688 HQVM383	953	Vitamin B-6 (mg) 00.0047-0000300	
	55	8888888 Blank but applicable	
	1428	Blank	
2689-2695 HQVM384	1087	Vitamin C (mg) 0000.65-0004000	
	56	8888888 Blank but applicable	
	1293	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2696-2702 HQVM385	827	Vitamin D (IU) 0006.25-0050000	
	56	8888888 Blank but applicable	
	1553	Blank	
2703-2709 HQVM386	903	Vitamin E (IU) 0000.45-0002500	
	55	8888888 Blank but applicable	
	1478	Blank	
2710-2716 HQVM387	119	Vitamin K (micrograms) 0001.25-0000100	
	55	8888888 Blank but applicable	
	2262	Blank	
2717-2723 HQVM388	56	Watercress (units unknown) 8888888 Blank but applicable	
	2380	Blank	
2724-2730 HQVM389	1	Watermelon seeds powder (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
2731-2737 HQVM390	2	Wheat bran (mg) 0000500	
	56	8888888 Blank but applicable	
	2378	Blank	
2738-2744 HQVM391	4	Wheat germ oil (mg) 0003.33-0001140	
	55	8888888 Blank but applicable	
	2377	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2745-2751 HQVM392	2	Wheat germ powder (mg) 0000010	
	55	8888888 Blank but applicable	
	2379	Blank	
2752-2758 HQVM393	3	Wheat grass (mg) 0000008-0000100	
	55	8888888 Blank but applicable	
	2378	Blank	
2759-2765 HQVM394	1	Wheat grass juice powder (mg) 0000020	
	55	8888888 Blank but applicable	
	2380	Blank	
2766-2772 HQVM395	1	Wheat sprout complex (mg) 0000005	
	55	8888888 Blank but applicable	
	2380	Blank	
2773-2779 HQVM396	1	White willow bark (mg) 0000150	
	55	8888888 Blank but applicable	
	2380	Blank	
2780-2786 HQVM397	1	Wood betony (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	

NHANES III Dietary Supplement Ingredient Concentration Data File

DIETARY SUPPLEMENT PRODUCT INFORMATION

NUTRIENT/INGREDIENT CONTENT

Positions SAS name	Counts	Item description and code	Notes
2787-2793 HQVM398	6	Yeast (mg) 0001.67-0000100	
	57	8888888 Blank but applicable	
	2373	Blank	
2794-2800 HQVM399	1	Yohimbe (mg) 0000500	
	55	8888888 Blank but applicable	
	2380	Blank	
2801-2807 HQVM400	498	Zinc (mg) 000.004-0000100	
	58	8888888 Blank but applicable	
	1880	Blank	