NSF International Standard
for Dietary Supplements —

Dietary supplements

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5.2.2 Finished products

Finished product claims will be reviewed to determine a set of verification tests to confirm quantity of dietary ingredients, marker constituents and/or nutritional declarations as declared on the label in accordance with 6.2 and/or 8.

The product tested shall contain at least 100% (minus the measure of uncertainty) of the quantity of each Class I dietary ingredient and/or marker constituent.

The product tested shall contain at least 80% (minus the measure of uncertainty) of the quantity of each Class II dietary ingredient and/or marker constituent.

~~The quantity of dietary ingredients and/or marker constituents declared on the label shall be verified in accordance with 6.2 and/or 8. Nutritional declarations shall be verified in accordance with 6.2 only when the quantity claimed is greater than 2% of the daily recommended value (DRV) (based on the reference caloric intake of 2,000 calories) as detailed in the following table (ref. is 21 CFR 101.9).~~

~~Table 1 – Quantity of dietary ingredients required for testing~~

~~Component~~	~~DRV (units)~~	~~Level requiring testing~~
~~cholesterol~~	~~300 mg~~	~~> 6 g/serving~~
~~Fat~~	~~65 g~~	~~> 1.3 g/serving~~
~~fiber~~	~~25 g~~	~~> 0.5 g/serving~~
~~potassium~~	~~3,500 mg~~	~~> 70 mg/serving~~
~~protein~~	~~50 g~~	~~> 1 g/serving~~
~~saturated fatty acids~~	~~20 g~~	~~> 0.4 g/serving~~
~~sodium~~	~~2,400 mg~~	~~> 48 mg/serving~~
~~total carbohydrate sugar~~	~~300 g~~	~~> 6 g/serving~~

~~The product shall contain at least 100% (minus the measure of uncertainty) of the quantity of each Class I dietary ingredient and/or marker constituent declared on the label.~~

~~The product shall contain at least 80% (minus the measure of uncertainty) of the quantity of each Class II dietary ingredient and/or marker constituent declared on the label. The product shall not contain quantities in excess of those permitted by GMP (manufacturer's specifications).~~

REASON: These proposed changes are due to the recognition that testing for the substances in this table when they are present at ONLY 2% of the DRV (Daily Reference Value) may not be meaningful. In addition, testing these substances at that low of a level can require significant resources due to difficulties with matrix effects which exceed the value of the test. In addition, these changes are also being proposed because manufacturers of dietary supplements are required to meet GMP requirements. When the Standard was originally written, these requirements were not in place. Identity testing is a GMP requirement for each lot of raw material prior to incorporation into a finished product. Proof that adequate identity testing is in place shall be provided upon request to ensure compliance with the requirements herein.

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