

INGREDIENT & FINISHED GOOD TESTING

Over 95 Years of Experience Testing Raw Materials and Products

Vitamer Labs tests all raw materials for identification, purity, gluten, and potency to ensure the highest quality dietary supplements.

Extensive additional in process and finished goods testing is also completed to ensure compliance. Learn more below.

Product Testing

Gluten Test

ELISA detects the presence of an antibody or antigen in a sample and is used to test if gluten is present in the product; Vitamer is one of the only companies that DOUBLE verifies gluten-free

Disintegration Test

Test the breakdown of supplements in the body; mimics the temperature of the stomach (98.6), pH and movement of the gut.

Time Release Apparatus and Dissolution Test

Used for time release products; shows how much of the nutrient is released over time

Pesticide Test

Tests botanicals for the presence of up to 68 different pesticides

Microbiology Test

Tests for total aerobic bacterial counts, yeasts, molds, coliforms, E.coli, Enterobacteriaceae, salmonella, and Pseudomonas. Probiotics tested using viable cell count.

In-House Testing Equipment

ICP-MS (Inductively Coupled Plasma-Mass Spectrometry)

Used to assay metals. Highly sensitive mass spectrometry that is very sensitive and capable of determining a range of metals at low concentrations

HPLC (High Pressure Liquid Chromatography)

Assays nutrients against a standard; identifies and quantifies nutrients

More In-House Testing Equipment

ICP-OES

(Inductively Coupled Plasma Optical Emission Spectrometry)

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Flurometer

Determines the concentration of vitamins in products; light projected through the solution determines the amount, higher intensity of light the higher the potency

Stability

Determines best by date for products

UV Visible Spectrometer

Detects potency for vitamins; uses wavelengths (light absorption) for each nutrient

Infrared Spectrometer (all raw materials)

Matches a thumbprint of a standard with our sample to identify that the product is what it is supposed to be

Analytical Methods & Botanicals

We use analytical methods described by:

- USP (United States Pharmacopeia)
- NF (National Formulary)
- FCC (Food Chemicals Codex)
- AOAC (American Organization of Analytical Chemists)

Speciation testing on all herbs is conducted to confirm each botanical is exactly what it is supposed to be

Standardized botanicals are tested to ensure that it contains it's specific phytochemical/bio-marker

Vitamer proudly partners with a leading 3rd party for testing and inspection, to offer our entire product line as Non-GMO verified

GMO testing- PCR (CaMV, FMV, NOS-t) verifies the absence of genetic engineering in all at-risk ingredients.

UL certification- 3rd party cGMP certified, our in-house laboratories are audited and certified under this process

