For over 30 years EMSL has led the industry in testing and analysis. Our professional staff of trained scientists, technicians and analysts can also provide Method Validation & Development.

EMSL has a laboratory near you that specializes in vitamin & mineral testing, assurance that your product meets all regulatory guidelines.

Under the Dietary Supplement Health & Education Act of 1994 (DSHEA), dietary supplement manufacturers have the essential responsibility to substantiate the safety of the dietary ingredients used in manufacturing a product.

Since 2007, the FDA requires manufacturers to test products for identity, purity, strength and composition to ensure that the product contains what is stated on the label and is not contaminated with harmful substances, such as heavy metals, pesticides and other impurities.
VITAMINS & MINERALS
Laboratory Services

Vitamin Analysis

Vitamin B Profile by USP Package
B1, B2, B3, B5, B6, B12
Vitamin B Profile by USP 2, 3 OR 4 Vitamins
B1, B2, B3, B5, B6, B12
Vitamin B1 - Thiamine
Vitamin B2 - Riboflavin
Vitamin B3 - Niacin
Vitamin B5 - Calcium Pantothenate
Provitamin B5 - Panthenol
Vitamin B6 - Pyridoxine HCL
Vitamin B7 - Biotin, Vitamin H
Vitamin B9 - Folic Acid
Vitamin B12 (Cyanocobalamin)
Para-Aminobenzoic Acid (PABA)
Vitamin A - Beta-Carotene
Vitamin A - Retinol
Total Vitamin A - Beta-Carotene and Retinol
Vitamin C
Vitamin D
Vitamin E
Vitamin K - Phytonadione
Coenzyme Q-10

Mineral Analysis

ICP Mineral Screen

<table>
<thead>
<tr>
<th>Al</th>
<th>B</th>
<th>Ba</th>
<th>Bi</th>
<th>Ca</th>
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<tbody>
<tr>
<td>Co</td>
<td>Cr</td>
<td>Cu</td>
<td>Fe</td>
<td>K</td>
</tr>
<tr>
<td>Mg</td>
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<tr>
<td>Sn</td>
<td>Ti</td>
<td>V</td>
<td>W</td>
<td>Zn</td>
</tr>
</tbody>
</table>

Package I
Ca, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Zn

Package II
Al, B, Ba, Bi, Ca, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, S, Sc, Se, Si, Sn, Ti, V, W, Zn

Calcium
Iron
Sodium

Methods offered include: FDA/BAM, USDA, USP, AOAC, CMMEF

EMSL Analytical Locations

EMSL Analytical, Inc. is an independent, contract testing laboratory specializing in
Chemistry
Food Testing
Materials Analysis
Failure Analysis
Microbiology

FDA Registered and DEA Licensed
cGMP and ISO 17025 Compliant