

Organically-Bound Minerals



Chelamax[®]

Differentiate with truly
chelated minerals



Value

For Manufacturers

- FT-IR correlation on the COA
- 3 Step verification process
- Various particle sizes and concentrations
- Extremely low in heavy metal impurities

For Consumers

- Increased bioavailability
- Improved digestibility
- Better taste
- Confidence in efficacy

What is a Chelate?

A chelate is a compound containing one or more ligands (typically organic) bonded to a central mineral at two or more points (Figure A). When ligands chelate a mineral, they form a protective shell around it (Figure B).

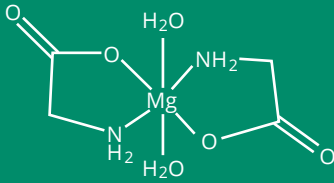


Figure A
Magnesium Bisglycinate



Ligand + Mineral Salt = Mineral Chelate with a "Protective Shell"

Figure B

Three Step Verification Process:

- 1 X-ray diffraction (XRD) confirms actual structure
- 2 Thermogravimetric analysis (TGA) confirms purity
- 3 Fourier transform infrared spectroscopy (FT-IR) produces fingerprint for lot-to-lot comparison

Our Chelamax[®] range covers five mineral categories with more under development:

CALCIUM

Calcium Ascorbate
Calcium Bisglycinate
Calcium Citrate

CHROMIUM

Chromium Picolinate

MAGNESIUM

Magnesium Bisglycinate
Magnesium Citrate

VANADIUM

Bismaltolato Oxo
Vanadium

ZINC

Zinc Bisglycinate
Zinc Citrate
Zinc Picolinate

Why Innophos



Trusted Partnerships



Technical Expertise



New Product Solutions



Global Footprint

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