

Sesame Minerals

*Excellent
Vegan Source
of Calcium
and Minerals*

JAPAN BIO SCIENCE LABORATORY

CORPORATE OFFICE

1-4-40 Fukushima, Fukushima-ku,
Osaka-city, Osaka 553-0003 Japan
Tel: 81-72-631-1203
Fax: 81-72-631-1203
kaihatu@jbsl-net.com

JBSL-USA

1547 Palos Verdes Mall, #131
Walnut Creek, CA 94597
Tel: (925) 938-2732
Fax: (925) 407-2994
sales@jbsl-net.com



Japan Bio Science Laboratory



- 100% vegetable-derived (sesame seed) calcium and other minerals – suitable for vegan market
- Outstanding source of highly bioavailable calcium
- Free of oxalic acid and phytic acid, which impede desirable bioavailability
- Water-soluble version for beverages as well as standard version for tablets and capsules
- Clinical study demonstrates better absorption than calcium carbonate
- Method of extraction preserves the minerals sesame seeds offer: calcium, phosphorus, zinc, iron, magnesium and potassium

Product Specifications



Sesame Mineral L

Extracted with fermented L-lactic acid. Spray dried powder. Contains naturally-balanced sesame mineral. Best used for beverage consumption, etc.

| | |
|-----------------|--|
| Property | White to light-yellow color powder – Soluble |
| Calcium Content | More than 15.0% |
| Principal Use | Sports drinks, health drinks, etc. |

About JBSL

Since its foundation in 1974, JBSL has been developing and manufacturing functional health food products under the corporate belief in the harmony of human beings and Mother Nature. Today, the safety and quality of food products are of higher concern than ever before. That is why our quality policy is the pursuit of safety from the viewpoint of the consumer.

OUR CURRENT PRODUCTS INCLUDE:

Ashitaba Leaf Powder

Bacillus Subtilis Natto

Biozyme

ChalCurb®

Elastin

Kaboseed EX

NSK-SD®

Pro-K-Natto

Sesame Minerals

Vitamin K2

JAPAN BIO SCIENCE LABORATORY

CORPORATE OFFICE

1-4-40 Fukushima, Fukushima-ku,
Osaka-city, Osaka 553-0003 Japan
Tel: 81-72-631-1203
Fax: 81-72-631-1203
kaihatu@jbsl-net.com

JBSL-USA

1547 Palos Verdes Mall, #131
Walnut Creek, CA 94597
Tel: (925) 938-2732
Fax: (925) 407-2994
sales@jbsl-net.com



Japan Bio Science Laboratory

Better Absorption

Since ancient times, sesame has been cultivated and globally recognized as a nutritious food. However, plants including sesame contain absorption inhibitors (e.g., phytic acid and oxalic acid), which inhibit the body's absorption of minerals. JBSL focused its attention on the seed coat of sesame, which contains calcium and other rich minerals. JBSL's original, patented method ensures the removal of all absorption inhibitors, improving the bioavailability of the minerals. **Sesame Minerals** is a 100% plant-based mineral source.

Research

Superior bioavailability of sesame calcium was demonstrated in a rat study that compared it to shellfish-derived calcium and typical pharmaceutical-grade calcium carbonate. **Study results showed that sesame calcium had twice the ratio of absorption of the other calciums.**

For manufacturers targeting the vegan or vegetarian market – known consumers of supplements – **Sesame Minerals** offer a uniquely salable source of calcium and other vital minerals.



“Today, the safety and quality of food products are of higher concern than ever before. That is why our quality policy is the pursuit of safety from the viewpoint of the consumer.”

Harness the Power of Mother Nature

To find out more about this exciting functional ingredient, visit our website or contact our offices for more information and ideas about how you can improve the profile of your nutritional products with JBSL.

www.jbsl-net.com/english

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.
©2019 Japan Bio Science Laboratories, Inc. rev. 0919