In 1998, JBSL was the first company in the world to isolate and market Nattokinase, a unique enzyme.

Nattokinase is extracted and purified from a Japanese food called Natto (fermented soybeans).

Nattokinase is produced by the Natto bacteria and is a serine protease enzyme consisting of 275 amino acid residues with a molecular weight of 27,724.

NSK-SD is JBSL’s brand that includes the high amount of Nattokinase.

NSK-SD is fermented using JBSL’s patented strain of Bacillus subtilis natto.

JBSL has patented the removal of Vitamin K2 from Nattokinase powder and is the only company that can manufacture Vitamin K2 free Nattokinase in Japan.

Superiority
Other products claim to be Nattokinase, but only NSK-SD:

- Has the highest potency available > 20,000 F.U./gram
- Contains less than 1 ppm Vitamin K2
- Is the most clean, white, uniform and deodorized powder available
- Is non-GMO, vegetarian and non-irradiated
- Has the highest proven potency of any Vitamin K2 free Nattokinase on the market
- Is recognized by the JHFA (Japan Health and Nutrition Food Authorization) and the JNKA (Japan Nattokinase Association) as authentic Nattokinase.
About JBSL
Since its foundation in 1974, JBSL has been developing and manufacturing functional health food products under the corporate belief of 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 Chalcone Powder
- Ashitaba Leaf Powder
- Bacillus Subtilis Natto
- Biozyme
- NSK-SD®
- Pro-K-Natto
- Sesame Minerals
- Vitamin K2

Research
The potential health benefits of NSK-SD are numerous. More than 25 years of research and scientific testing suggest the following benefits:

- Strong thrombolytic activity – promotes arterial health
- May promote normal blood pressure
- Promotes proper whole blood viscosity
- Increase in blood circulation
- Promotes normal platelet aggregation
- Enhances the production of Tissue Plasminogen Activator (t-PA)
- Reduction of Plasminogen Activator Inhibitor Type 1 (PAI-1)
- Activates Pro-Urokinase
- Promotes normal clotting (degrades Fibrin directly)
- Promotes overall cardiovascular health

Safety
Our NSK-SD has been the subject of the following comprehensive safety studies and in vivo and in vitro clinical studies:

- Oral 28-day repeated dose toxicity study in rats
- Oral 90-day repeated dose toxicity study in rats
- Reverse-mutation assay in bacteria
- Chromosome aberration test in cultured mammalian cells
- Pathogenicity test
- Oral 28-day human safety
- Oral single dose toxicity in rats
  - LD50 rat study > 1000mg/kg no adverse effects

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. ©2012 Japan Bio Science Laboratories, Inc.
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Form</th>
<th>Ingredients and Nutrients</th>
<th>Benefits *</th>
<th>Superiority</th>
<th>Applications</th>
<th>Vegan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashitaba Chalcone Sap Powder</td>
<td>Powder</td>
<td>Chalcone Flavonoids: 4-Hydroxyserrericin, Xanthoangelol</td>
<td>May Reduce Visceral Fat, Promotes Metabolic Health *</td>
<td>Vertically Integrated Powder Production, Plant Cultivation Uses Organic Farming Techniques</td>
<td>Foods, Beverages</td>
<td>Yes</td>
</tr>
<tr>
<td>Bacillus Subtilis Natto</td>
<td>Powder</td>
<td>Proprietary Bacillus Subtilis Strain</td>
<td>Probiotic Used For Immune-Support, Digestive Support *</td>
<td>FDA Recognized As GRAS, Stable And Durable Spore Probiotic</td>
<td>Foods, Beverages</td>
<td>Yes</td>
</tr>
<tr>
<td>BIOZYME</td>
<td>Paste And Powder</td>
<td>Fermented Vegetable Extract Containing: Amino Acids, Peptides, Oligosaccharides, Polysaccharides, Citric Acid, Vitamin B, Minerals</td>
<td>Promotes Bifidobacterium Population, May Have Positive Influences On Constipation, Alcohol Metabolism, And Skin Moisture Levels *</td>
<td>Highly Biologically Active Substance Superior To Conventional Enzyme Extracts</td>
<td>Foods, Beverages</td>
<td>Yes</td>
</tr>
<tr>
<td>NSK-SD®</td>
<td>Powder</td>
<td>Nattokinase</td>
<td>Promotes Arterial Health, Overall Cardiovascular Health *</td>
<td>Best Vitamin K2 Free Nattokinase, Highest Potency, Non-GMO, Non-Irradiated, Recognized By The JHFA (Japan Health and Nutrition Food Authorization), The JNKA (Japan Nattokinase Association), Most Clinical Studies</td>
<td>Foods, Beverages</td>
<td>Yes</td>
</tr>
<tr>
<td>Pro-K-Natto</td>
<td>Powder</td>
<td>Vitamin K2, Bacillus Subtilis, And Nattokinase</td>
<td>All Health Benefits Of Vitamin K2, Bacillus Subtilis, And Nattokinase *</td>
<td>FDA Recognized As GRAS, Foods For Specified Health Use (FOSHU) Approved In Japan, Manufactured In cGMP Facilities, No Unpleasant Taste Of Traditional Natto</td>
<td>Foods, Beverages</td>
<td>Vegetarian</td>
</tr>
<tr>
<td>Vitamin K2</td>
<td>Oil And Powder</td>
<td>Vitamin K2 (Menaquinone-7)</td>
<td>May Contribute To Bone And Cardiovascular Health *</td>
<td>Most Bioavailable Form Of Vitamin K2: MK-7</td>
<td>Foods, Beverages, Cosmetics</td>
<td>Vegetarian</td>
</tr>
</tbody>
</table>

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