



SILVER 1000™ 1000 Mesh Soy Powder

DESCRIPTION: SILVER 1000™ Soy Powder is the non-heat-treated or enzyme active soy powder. It contains all the goodness of soybeans with the hull removed. Silver has been used extensively in Asia in products like silken Tofu, soy yogurt, cheeses and many other products. It has the great nutritional properties of dehulled soybeans but delivered in a convenient powder form that allows for easy use in making food products. It has a raw beany taste and needs a cook step or fermentation to inactivate the trypsin inhibitor and improve human nutritional value. A range of particle sizes is available for your particular application or need. Organic and Non-GMO⁵ available.

TYPICAL ANALYSIS:

Particle Size ⁴		
below 40 µm	90 %	minimum
below 20 µm	70 %	minimum
below 14 µm	50 %	minimum
Protein ¹	40 %	typical*
Fat ¹	20 %	typical*
Saturated fatty acids	3 %	typical*
Trans fatty acids	0 %	typical*
Carbohydrates ¹	31 %	typical*
Total Dietary Fiber ¹	15 %	typical*
Moisture ¹	4.5 %	typical*
Ash ¹	5 %	typical*
Isoflavones by HPLC ¹	5,000 ppm	typical*
Protein Dispersibility Index ¹	90	typical*
Trypsin Inhibitor ¹	65,000 TIU/g	typical*
Color ³ L	89.4	typical*
a	-1.5	typical*
b	22.9	typical*
Aerobic Plate Count ²	<50,000	per g
E. coli ²	<3	per g
Salmonella-ELFA ²	negative	per 100 g

1. Woodson-Tenent Laboratories 3507 Delaware Ave Des Moines, IA 50313

2. Silliker Laboratories 405 Eighth Avenue SE Cedar Rapids, IA 52401

3. HunterLab ColorFlex

4. Micromeritics Elzone 5382 Differential Volume Percent

5. USDA Certified EviroLogix QuickStix Strips

* May vary by crop year or custom varieties.

LABELING: Silver – Soy Flour or Soy Powder

Organic Certification OCIA-NOP, JAS, IFOAM-accredited

Kosher IOWA CHAI-K

PACKAGING: 44 lbs. for the U.S. market and 20 kgs. for export. Totes or Supersacks also available.

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