

# CERTIFICATE of ANALYSIS

**Product Name:** 85% Fucoidan **Batch No. :** 20130104

**Production Date:** 20130104 **Package :** 1kg/bag

**Botanical Name:** Laminaria Japonica **Origin of Raw Material:** Laminaria Japonica

**Country of Processing:** China

Analysis Items	Specifications	Results
Appearance	White Powder	Conformed
Water Solubility	Soluble	Conformed
Viscosity	3~15cp	Conformed
Fucoidan	≥85%	85%
L-Fucose	≥20%	21%
Organic SO <sub>4</sub> <sup>2-</sup>	≥18%	19%
Alginic Acid	≤40%	30%
Raw Protein	≥12%	15%
Lead	≤3ppm	Conformed
Cadmium	≤3ppm	Conformed
Mercury	≤0.1ppm	Conformed
Arsenic	≤2ppm	≤1ppm
Loss on Dry	≤8.0%	4.98%

## MICROBIOLOGY

Total Plate Count	<1000 cfu/g	Conformed
<i>Yeast &amp; Mould</i>	<100 cfu/g	Conformed
<i>E. Coli</i>	Not to be Detected	Conformed
Salmonella	Not to be Detected	Conformed

**Shelf life:** 2 years when properly stored

**Usage:** Raw Material for production of Dietary Supplements

**FDA Registration#**13442002850

