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Product Specification Sheet

Product Name: Kelp Ascophyllum Nodosum Powder

Item	Specification	Test Method
Botanical Name	Ascophyllum nodosum	—
Part Used	Whole Plant (Thallus)	—
Appearance	Fine powder	Visual
Color	Greenish-brown to brown	Visual
Odor	Characteristic, marine-like	Organoleptic
Taste	Characteristic, salty	Organoleptic
Particle Size	95% through 80 mesh	USP <786>
Bulk Density	0.40-0.70 g/mL	USP <616>
Loss on Drying	< 12.0%	USP <731>
Ash Content	< 25.0%	USP <281>
pH (1% solution)	5.5-8.0	USP <791>
Iodine Content	500-1200 ppm	ICP-MS
Heavy Metals	< 10 ppm	USP <232>
Lead (Pb)	< 2 ppm	USP <232>
Arsenic (As)	< 2 ppm	USP <232>
Cadmium (Cd)	< 1 ppm	USP <232>
Mercury (Hg)	< 0.1 ppm	USP <232>
Total Plate Count	< 10,000 CFU/g	USP <2021>
Yeast & Mold	< 1,000 CFU/g	USP <2021>
E. coli	Negative/10g	USP <2022>
Salmonella	Negative/25g	USP <2022>
Coliform	Negative/10g	USP <2022>
Staphylococcus aureus	Negative/10g	USP <2022>

Storage Conditions:

Store in a cool, dry place away from direct sunlight. Keep container tightly closed.

Shelf Life:

36 months from date of manufacture when stored properly

Date: December 27, 2025