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Product Specification Sheet

Product Name: Chlorella Powder (Broken Cell)

Item	Specification	Test Method
Botanical Name	Chlorella vulgaris	—
Part Used	Whole Plant (Algae)	—
Appearance	Fine powder	Visual
Color	Dark Green	Visual
Odor	Characteristic, seaweed-like	Organoleptic
Taste	Characteristic	Organoleptic
Particle Size	95% through 80 mesh	USP <786>
Bulk Density	0.3-0.6 g/mL	USP <616>
Loss on Drying	< 7.0%	USP <731>
Ash Content	< 8.0%	USP <281>
pH (1% solution)	5.0-7.5	USP <791>
Protein Content	> 55.0%	Kjeldahl Method
Cell Wall Broken Rate	> 85.0%	Microscopic Examination
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: September 12, 2025