

Product Specification Sheet

Product Name: L-Proline

Item	Specification	Test Method
Botanical Name	N/A	—
Part Used	N/A	—
Appearance	White crystalline powder	Visual
Color	White	Visual
Odor	Odorless	Organoleptic
Taste	Slightly sweet	Organoleptic
Assay (L-Proline)	98.0-102.0%	USP <591>
Specific Rotation	-84.0° to -86.0°	USP <781>
Loss on Drying	< 0.5%	USP <731>
Residue on Ignition	< 0.1%	USP <281>
pH (1% solution)	5.0-6.5	USP <791>
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	< 1,000 CFU/g	USP <2021>
Yeast & Mold	< 100 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: January 2, 2026