

L-Phenylalanine Quality Specification

Product: **L-Phenylalanine**

CAS No.: 63-91-2

Reference Quality Standard: USP

Shelf life: 3 years

Items	Specification
Appearance	White crystalline powder
Identification	Complies (HPLC)
Assay	98.5~101.5%
Odor	Characteristic
Chloride Content	≤ 0.02%
Specific Rotation	-33.0°~-35.5°
Loss on Drying	≤ 0.5%
Residue on Ignition	≤ 0.4%
Heavy Metals	≤ 5 ppm
Sulfate	≤ 0.03%
Total Plate Count cfu/g	< 1000
Yeast & Mold cfu/g	< 100
E. Coli	Negative
Salmonella	Negative

Note: The product is tested in accordance with USP24 quality standard.
An actual batch product's quality meets or is better than the requirements.