



Product Technical Data Sheet

Product name: L-Phenylalanine

AC code: AC02154a

Technical Data Sheet

Appearance	White crystalline or crystalline powder
Specific rotation [α] _{D²⁰}	-33.2 to -35.5°
pH	5.4 to 6.0
Loss on drying	Not more than 0.20%
Residue on ignition	Not more than 0.10%
Chloride (Cl)	Not more than 0.021%
Heavy metals	Not more than 15ppm
Lead	Not more than 3ppm
Arsenic(as As ₂ O ₃)	Not more than 1ppm
Mercury	Not more than 0.1ppm
Cadmium	Not more than 1ppm
Assay	98.5% to 101.5%
Total Plate Count	Not more than 1000cfu/g
Yeast and Mould	Not more than 100cfu/g
E.Coli	Negative
Salmonella	Negative
S.aureus	Negative
Packaging, transportation, storage and shelf life	
Package	Outer package: Paper drum or paper-plastic composite bag Inner package: PE bag
Transportation	Do not transport together with toxic or hazardous substances. Protect the goods from direct sunlight and rain.
Storage	Keep the container tightly closed, and store in a well-ventilated, cool, clean and dry place. Do not store with toxic, hazardous or corrosive items to avoid contamination.
Shelf Life	24 months in unopened original packaging under recommended storage conditions.