

# Certificate of Analysis

**Ingredient Name:** L-Proline  
**Batch Number:** FAS20220405  
**Country of Origin:** China

**Quantity:** 2000 Kgs  
**Date of Manufacture:** Apr 10, 2022  
**Date of Test:** Apr 09, 2024

Item	Specifications	Test Results
Discription	White crystals or crystalline power	conforms
Assay	98.5- 101.5%	99.7%
Specific optical rotation	-84.5° ~ -86.3°	-85.0°
Chloride (as Cl)	≤0.05%	<0.05%
Sulfate(as SO4)	≤0.03%	<0.03%
Iron (Fe)	≤0.003%	<0.003%
Heavy metals (as Pb)	≤0.001%	<0.001%
Other amino acids	≤0.5%	<0.5%
Loss on drying	≤0.40%	0.05%
Residue on ignition	≤0.4%	0.06%
Conclusion: This product complies withGB 29938/USP36standard.		