

CERTIFICATE OF ANALYSIS

Product Name	L-Proline		
Reference standard	GB29938/USP36		
Quantity	1000kgs	Package	25kg/ drum
Batch Number	20220516	Manufacture Date	20220516
Report Date	20220516	Expiry Date	20240515

Item of Analysis	Specification	Results
Discription	White crystals or crystalline power	conforms
Assay	98.5-101.5%	99.4%
Specific optical rotation	-84.5°~-86.3°	-84.7°
Chloride (as Cl)	≤0.05%	<0.05%
Sulfate(as SO ₄)	≤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%	0.07%
Residue on ignition	≤0.4%	0.07%

Conclusion: This product complies with GB 29938/USP36 standard.

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

