



Certificate of Analysis

Product name:	L-Proline	Batch No.:	LP2025111401
Package:	25kg/drum	Quantity:	1000kg
MFG Date:	2025/11/14	EXP Date:	2027/11/13

Items	Standards	Results
Appearance	White crystals or crystalline powder	White crystals powder
Assay ,%	98.5~101.5	99.51
Specific optical rotation	-84.3°~-86.3°	-85.41°
Chloride(as Cl) ,%	≤0.05	<0.05
Sulphate(as SO) ,%	≤0.03	<0.03
Iron (as Fe) ,%	≤0.003	<0.003
Heavy metals (as Pb) ,%	≤0.0015	<0.0015
Loss on drying ,%	≤0.40	0.23
Residue on ignition,%	≤0.40	0.21
Conclusion:	This product conforms to requirements of USP36 GB29938-2020 grade standard.	

