

CERTIFICATE OF ANALYSIS

Product Name	L-Phenylalanine		
Reference standard	GB 29938/USP32		
Quantity	2000KGS	Package	25kg/ drum
Batch Number	20220516	Manufacture Date	20220516
Report Date	20220516	Expiry Date	20240515

Item of Analysis	Specification	Results
Appearance	white crystalline powder	Complies
Specific rotation	-32.7° ~ -34.7°	-33.8°
Content/%	98.5-101.5	99.5
Loss on drying /%	≤0.30	0.12
Heavy metals/%	≤0.0015	<0.0015
Residue on ignition/%	≤0.40	0.04
Iron/%	≤0.003%	<0.003%
PH	5.4-6.0	5.7
5.7	≤0.05	<0.05
Sulfate(SO ₄)	≤0.03	<0.03
Other amino acids	Complied	Complied
Conclusion: This product conforms to the GB 29938/ USP32 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.

