



BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,
Contact no: +91-8295241953, +91-7404210730

CERTIFICATE OF ANALYSIS

Product Name	L-PHENYLALANINE 99% FOR BIOCHEMISTRY
Code No.	B-01983
Batch No.	BC1122181
Mfg.Date	NOV-2024
Date of Analysis	22/11/2024
Retest Date	OCT-2029

TEST	SPECIFICATION	RESULT
Appearance	White or almost white crystalline powder	White crystalline powder
Assay (by HClO ₄ titration)	Min 99%	99.22%
Specific optical rotation ([α] _D ²⁰ ; 20 g/L; water; calculated on dried substances)	-33.0° to -34.7°	-33.6°
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Ammonium (NH ₄)	Max 0.01%	Less than 0.01%
Foreign amino acids	Max 0.3%	Less than 0.3%
Other ninhydrin positive substances (as glycine)	Max 0.1%	Less than 0.1%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemicals.com or call on **+91-7404210730** Website- www.biofinechemicals.com