

Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

Product Name	:	L-PHENYLALANINE 99% FOR BIOCHEMISTRY	
Code No.	:	01983	
Batch No.	:	PC11221812	
Mfg. Date	:	NOV-2022	
Date Of Analysis	:	22/11/2022	
Retest Date	:	OCT-2027	

TEST	SPECIFICATION	RESULT
Appearance	White or almost white crystalline powder	White crystalline powder
Assay (by HClO ₄ titration)	Min 99.0%	99.22%
Specific optical rotation ([?]20/D; 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%
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as pei REMARK : This product complies as per the specifications of Pallav Chemicals & Solvents Pvt. Ltd.

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

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on 022 4928 4000

Website: www.pallavchemicals.com