



CERTIFICATE OF ANALYSIS

Product Name	:	L-ALANINE 99% FOR BIOCHEMISTRY
Code No.	:	00088
Batch No.	:	PC11221824
Mfg. Date	:	NOV-2022
Date Of Analysis	:	17/11/2022
Retest Date	:	OCT-2024

TEST	SPECIFICATION	RESULT
Appearance	White Crystalline Powder	White Crystalline Powder
Assay (by HClO ₄ titration)	Min 99.0%	99.97%
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%
Ninhydrine positive substances (as glycine)	Max 0.1%	Less than 0.1%
Specific optical rotation ([α] _D ²⁰)	+14 to +15 °	+14.5 °

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