



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-ALANINE 99% FOR BIOCHEMISTRY
Cas No.	56-41-7
Code No.	B-00088
Batch No.	BC/275/22-2
Mfg.Date	JUNE-2024
Date of Analysis	14/06/2024
Retest Date	MAY-2029

TEST	SPECIFICATION	RESULT
Appearance	White Crystalline Powder	White Crystalline Powder
Assay (by HClO ₄ titration)	Min 99.0%	99.62%
Heavy metal (as Pb)	Max 0.001%	0.0003%
Ammonium (NH ₄)	Max 0.01%	0.0012%
Foreign amino acids	Max 0.3%	0.06%
Ninhydrine positive substances (as glycine)	Max 0.1%	0.07%
Specific optical rotation ([α] _D ²⁰)	+14 to +15 0	+14.80

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