



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	L-METHIONINE (FOR BIOCHEMISTRY)
Code No.	B-01698
Batch No.	BC/0703/19-2
Mfg.Date	OCT-2024
Date of Analysis	26/10/2029
Retest Date	SEPT-2029

TEST	SPECIFICATION	RESULT
Appearance	White powder	White powder
Assay (by HClO ₄ titration)	Min 99%	99.76%
Specific optical rotation ([α] _D ²⁰)	+22.5 to + 24 deg	+23.8 °C
pH (2.5% solution)	5.5 - 6.5	5.58
Loss on drying (at 105°C)	Max 0.3%	0.11%
Residue on ignition (as SO ₄)	Max 0.1%	0.06%
Chloride (Cl)	Max 0.02%	Less than 0.02%
Sulphate (SO ₄)	Max 0.03%	Less than 0.03%
Iron (Fe)	Max 0.001%	Less than 0.001%
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