



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	DL-METHIONINE (FOR BIOCHEMISTRY)
Code No.	B01697
Batch No.	BC/0683/19-2
Mfg.Date	OCT-2024
Date of Analysis	15/10/2024
Retest Date	SEP-2029

TEST	SPECIFICATION	RESULT
Appearance	White to almost white, crystalline powder or small flakes, melt at 270°C	White crystalline powder 271°C
Assay (potentiometric; on anhydrous basis)	99.0-101.0%	99.64%
Solubility	Sparingly soluble in water, very slightly soluble in alcohol. It dissolves in dilute acids and in dilute solutions of the alkali hydroxides	Passes test
Identifications	To comply BP test	Passes test
Appearance of solution	To comply BP test	Passes test
Loss on drying (at 105°C; 3 hrs)	Max 0.5%	0.32%
pH (2% solution in water)	5.4 to 6.1	5.92
Chlorides	Max 0.02%	0.013%
Sulphates	Max 0.02%	0.015%
Heavy metal (as Pb)	Max 0.002%	0.001%
Sulphated ash	Max 0.1%	0.08%
Related Substances (by TLC)	To comply BP test	Passes test

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