



Pallav Chemicals & Solvents Pvt. Ltd

Manufacturers of Laboratory Fine Chemicals

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Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar - 401506. • Email: sales@pallavchemicals.com

CERTIFICATE OF ANALYSIS

Product Name	:	DL-METHIONINE (FOR BIOCHEMISTRY)
Code No.	:	01697
Batch No.	:	PC/0683/19-2
Mfg. Date	:	OCT-2019
Date Of Analysis	:	15/10/2019
Retest Date	:	SEP-2024

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 **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