



CERTIFICATE OF ANALYSIS

Product Name	:	L-METHIONINE 99% FOR BIOCHEMISTRY
Code No.	:	01698
Batch No.	:	PC10221586
Mfg. Date	:	OCT-2022
Date Of Analysis	:	18/10/2022
Retest Date	:	SEP-2027

TEST	SPECIFICATION	RESULT
Appearance	White powder	White powder
Assay (by HClO ₄ titration)	Min 99.0%	99.76%
Specific optical rotation ([α] _D ²⁰)	+22.5 to + 24 °C	+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 **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