



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	N,N-DIMETHYL FORMAMIDE 99.5% MOLECULAR BIOLOGY
Cas No.	68-12-2
Code No.	B-01038
Batch No.	BC01251409
Mfg.Date	JAN-2025
Date of Analysis	30/01/2025
Retest Date	DEC-2030

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless liquid	A clear colorless liquid
Purity (by GC)	Min 99.5%	100.0%
Boiling Point	153 deg C	154 deg C
Density (d _{20°C/4°C})	0.944	0.947
Refractive index (20°C; 589 nm)	5.0 - 6.5	5.80
Sulphate (SO ₄)	1.4305	1.4306
DNAase/RNAase/Proteases	Not detectable	Not detected
Acidity or alkalinity	Max 0.0005 meq/g	0.0003 meq/g
Non-volatile matter	Max. 0.002%	0.001%
Total Phosphorus	Max. 0.00005%	0.00005%
Total Sulphur	Max. 0.0001%	0.0001%
Total Silicon	Max 0.000005%	0.000005%
Water (by KF)	Max. 0.05%	0.05%
Calcium (Ca)	Max 0.00001%	0.00001%
Copper (Cu) or Potassium (K)	Max 0.00005%	Not detected
Magnesium (Mg) or Lead (Pb)	Max 0.00005%	Not detected
Sodium (Na)	Max. 0.0002%	Not detected
Iron (Fe)	Max 0.00001%	Not detected

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@biofinechemical.com or call on
+91-7404210730 Website- www.biofinechemical.com