

CERTIFICATE OF ANALYSIS

PRODUCT NAME : N,N DIMETHYLFORMAMIDE FOR HPLC

CAS No : 68-12-2
Mol. Formula : H.CON(CH₃)₂
Mol. WT : 73.09
Date of analysis : 07/04/25

Product code : 42000
Batch No : MCM-7229
Mfd. : April 2025
Exp. : March 2030

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid with a characteristic odour. APHA not greater than 10 HU.	A clear colourless liquid with a characteristic odour. APHA less than 10 HU.
2	Assay (GC)	99.7% min	99.97%
3	Wt. per ml at 20°C	0.947-0.949g	0.948g
4	Water(by KF)	0.05% max	0.03%
5	Acidity (HCOOH)	0.002% max	<0.002%
6	Non Volatile Matter	0.001% max	0.0003%
7	Minimum transmission, after purging with nitrogen for not less than 10 minutes, in 10 mm cuvette at:		
	270nm	10%min	22.89%
	275nm	50%min	59.80%
	290nm	80%min	83.71%
	300nm	90%min	90.67%
	330nm	98%min	99.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Akash)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.