

CERTIFICATE OF ANALYSIS

PRODUCT NAME : N,N DIMETHYLFORMAMIDE FOR HPLC

CAS No	: 68-12-2	Product code	: 42000
Mol. Formula	: H.CON(CH ₃) ₂	Batch No	: MCM-6479
Mol. WT	: 73.09	Mfd.	: July 2024
Date of analysis	: 26/07/24	Exp.	: June 2029

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	0.01%
5	Acidity (HCOOH)	0.002% max	<0.002%
6	Non Volatile Matter	0.001% max	0.0007%
7	Minimum transmission, after purging with nitrogen for not less than 10 minutes, in 10 mm cuvette at:		
	270nm	10%min	25.42%
	275nm	50%min	63.12%
	290nm	80%min	85.53%
	300nm	90%min	91.62%
	330nm	98%min	98.78%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Durvas)**

[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.