



## CERTIFICATE OF ANALYSIS

Product Name : N, N-DIMETHYLFORMAMIDE 99.8% AR/ACS  
Lot No. : B405282202 Analyzed On : 21-Feb-2022  
Mol. Formula : H.CON(CH<sub>3</sub>)<sub>2</sub> Mol. Weight : 73.09  
Code No. : 00118 CAS No. : 68-12-2  
Mfg. Date : Feb-2022 Exp. Date : Jan-2027  
HAZ. / P.G. : 3 / III UN No. : 2265

Sr.	Tests	Specifications	Results
1	Appearance	A clear colorless liquid	A clear colorless liquid
2	Assay	Min 99.8%	99.99%
3	Weight/ mL at 20°C	0.949 - 0.952 g	0.949 g
4	Refractive index (20°C; 589 nm)	1.429 - 1.431	1.4295
5	APHA colour	Max 15	< 10 APHA
6	Diethyl amine (GC)	Max 0.05%	< 0.05%
7	Dimethyl amine (GC)	Max 0.05%	< 0.05%
8	Methanol (GC,area %)	Max 0.05%	< 0.05%
9	Water (H <sub>2</sub> O)	Max 0.1%	0.03%
10	Acidity	Max 0.0005 meq/gm	0.0005 meq/gm
11	Alkalinity	Max 0.0005 meq/gm	Nil
12	Non volatile matter	Max 0.005%	0.001%
13	Copper (Cu)	Max 0.0005%	Nil
14	Iron (Fe)	Max 0.0005%	Nil
15	Lead (Pb)	Max 0.0005%	Nil

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Ruchita B  
Chemist

Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

Tel: 91.22.6663 6663, Fax: 91.22.22151099

info@lobachemie.com | www.lobachemie.com

