

CERTIFICATE OF ANALYSIS

PRODUCT NAME : TRIETHYLAMINE FOR HPLC

CAS No : 121-44-8

Mol. Formula : (C₂H₅)₃N

Mol. WT : 101.19

Date of analysis : 30/10/23

Product code : 42800

Batch No : MCM-5867

Mfd. : Oct. 2023

Exp. : Sept. 2028

S. R	Test	Specification	Observation
1	Description	Clear, colourless liquid with a strong ammonical odour.	Clear, colourless liquid with a strong ammonical odour.
2	Assay	99.5 %w/w min	99.99%w/w
2	Wt. per ml at 20°C	0.725 - 0.727 g	0.727 g
3	Refractive index (n) ²⁰ _D	1.400-1.402	1.401
4	Water(by KF)	0.1% max	0.05%
5	Non Volatile Matter	0.005% max	0.003%
6	Transmission (1cm cell Vs water)		
	280nm	10%min	14.58%
	290nm	30%min	31.56%
	310nm	40%min	45.27%
	330nm	60%min	61.15%
	360nm	80%min	85.12%
	380nm	90%min	94.71%
	390nm	95%min	97.51%
	400nm	98%min	99.25%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Sonu)**

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

Note: Computer generated image requires no sign.

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