



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TRIETHYLAMINE FOR HPLC

CAS No : 121-44-8

Product code : 42800

Mol. Formula : (C₂H₅)₃N

Batch No : MCM-6184

Mol. WT : 101.19

Mfd. : March 2024

Date of analysis : 20/03/24

Exp. : Feb. 2029

S. R	Test	Specification	Observation
1	Description	Clear, colourless liquid with a strong ammoniacal odour.	Clear, colourless liquid with a strong ammoniacal odour.
2	Assay	99.5 %w/w min	99.81%w/w
3	Wt. per ml at 20°C	0.725 - 0.727 g	0.726 g
4	Refractive index (n) _D ²⁰	1.400-1.402	1.401
5	Water(by KF)	0.1% max	0.04%
6	Non Volatile Matter	0.005% max	0.003%
7	Transmission (1cm cell Vs water)		
	280nm	10%min	14.67%
	290nm	30%min	35.16%
	310nm	40%min	51.73%
	330nm	60%min	67.27%
	360nm	80%min	88.37%
	380nm	90%min	96.04%
	390nm	95%min	98.20%
	400nm	98%min	99.62%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priti)**

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

Note: Computer generated image requires no sign.

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