

CERTIFICATE OF ANALYSIS

PRODUCT NAME : TRIETHYLAMINE FOR HPLC

CAS No : 121-44-8

Product code : 42800

Mol. Formula : (C₂H₅)₃N

Batch No : MCM-6401

Mol. WT : 101.19

Mfd. : June 2024

Date of analysis : 21/06/24

Exp. : May 2029

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	99.96%w/w
3	Wt. per ml at 20°C	0.725 - 0.727 g	0.726 g
4	Refractive index (n) ²⁰ _D	1.400-1.402	1.400
5	Water(by KF)	0.1% max	0.08%
6	Non Volatile Matter	0.005% max	0.003%
7	Transmission (1cm cell Vs water)		
	280nm	10%min	18.32%
	290nm	30%min	42.60%
	310nm	40%min	53.34%
	330nm	60%min	67.32%
	360nm	80%min	86.54%
	380nm	90%min	94.33%
	390nm	95%min	96.64%
	400nm	98%min	98.50%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Durvas)**

[QC Incharge]



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

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