



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TRIETHYLAMINE FOR HPLC

CAS No : 121- 44- 8
Mol. Formula : (C₂H₅)₃N
Mol. WT : 101.19
Date of analysis : 07/06/21

Product code : 42800
Batch No : MCR-6475-03
Mfd. : June 2021
Exp. : May 2026

S. R	Test	Specification	Observation
1	Description	Clear, colourless to pale yellow liquid with a strong ammonical odour.	Pale yellow liquid with a strong ammonical odour.
2	Assay (GC)	99.5 %w/w min	99.60%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	1.401
5	Water(by KF)	0.1% max	0.04 %
6	Non Volatile Matter	0.005% max	0.002%
7	Transmission (1cm cell Vs water)	280nm – 10%min 290nm – 30%min 310nm – 40%min 330nm – 60%min 360nm – 80%min 380nm – 90%min 390nm – 95%min 400nm – 98%min	280nm – 22.840% 290nm – 47.232% 310nm – 58.406% 330nm – 71.879% 360nm – 89.890% 380nm – 96.159% 390nm – 98.191% 400nm – 99.299%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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