CERTIFICATE OF ANALYSIS

PRODUCT NAME : TRIETHYLAMINE FOR HPLC

CAS No	**: 121-44-8**	**Product code**	**: 42800**
Mol. Formula	**: $(C_2H_5)_3N$**	**Batch No**	**: MCM-7576**
Mol. WT	**: 101.19**	**Mfd.**	**: Aug. 2025**
Date of analysis	**: 02/08/25**	**Exp.**	**: July 2030**

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	99.82%w/w
3	**Wt. per ml at 20^0C**	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	0.045%
6	**Non Volatile Matter**	0.005% max	0.003%
7	**Transmission (1cm cell Vs water)**		
	280nm	10%min	16.12%
	290nm	30%min	37.61%
	310nm	40%min	48.53%
	330nm	60%min	63.74%
	360nm	80%min	86.14%
	380nm	90%min	94.53%
	390nm	95%min	96.96%
	400nm	98%min	98.46%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Deepa)

MOLYCHEM Badlapur

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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