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Certificate of Analysis

Product	95205 - Triethylamine extrapure AR, ExiPlus, Multi-Compendial, 99.5% - [121-44-8]
Batch No	9009722
Analysis Date	13-Oct-2022
Date of Manufacture	October 2022
Expiry Date/Re-Test Date	October 2027
Molecular Formula	C6H15N
Molecular Weight	101.19

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Miscibility in Ethanol (96%)	Clear, colourless	Clear, colourless
Assay (GC)	min. 99.5%	99.95%
Density (g/ml) @ 20°C	0.726-0.728	0.726
Refractive Index (20°C)	1.400-1.402	1.400
Boiling Range	88-90°C	88-90°C
Non Volatile Matter	max. 0.003%	0.0001%
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00001%	Passes
Water (KF)	max. 0.1%	0.09%
Absorbance (A) of 6% in dilute H2SO4		.
@250 nm	max. 0.04	0.0266

FRM/82/11/2/95205 Rev No. 1 Date 01/11/2015

Prepared by SGavhane

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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