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Certificate of Analysis

Product

**95227 - Toluene extrapure AR, ACS, ExiPlus,
Multi-Compendial, 99.5% - [108-88-3]**

Batch No

6177108

Analysis Date

13-Nov-2023

Date of Manufacture

November 2023

Expiry Date/Re-Test Date

November 2028

Molecular Formula

C7H8

Molecular Weight

92.14

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
Colour (APHA)	max. 10	Passes
Solubility with water	0.045% at 25°C is clear ,colourless	Clear,colourless
Miscibility	Ethanol is clear,colourless	Clear,colourless
Assay (GC)	min. 99.5%	99.86%
Density (g/ml) @ 20°C	0.866-0.867	0.866
Refractive Index (20°C)	1.496-1.497	1.496
Boiling Range	110-111°C	110-111°C
Non Volatile Matter	max. 0.001%	0.0005%
Acidity (HCl)	max. 0.001%	0.0003%
Substance Discoloured by H2SO4	Passes test	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Benzene (GC)	max. 0.2%	Passes
Thiophene (C4H4S)	max. 0.0002%	Passes
Sulphur compounds	max. 0.003%	Passes
Water (KF)	max. 0.03%	0.03%

FRM/82/11/2/95227 Rev No. 1 Date 01/11/2015

Prepared by **Sujit**

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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