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Certificate of Analysis

Product	85577 - Toluene extrapure AR, 99.5% - [108-88-3]
Batch No	1549724
Analysis Date	24-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C7H8
Molecular Weight	92.14

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.5%	99.90%
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%	0.0006%
Acidity (HCl)	max. 0.001%	0.0007%
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 Compound (S)	max. 0.003%	Passes
Water (KF)	max. 0.03%	0.02%

FRM/82/11/2/85577 Rev No. 3 Date 19/10/2022

Prepared by Akshay

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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