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Certificate of Analysis

Product	29490 - Toluene for HPLC & UV Spectroscopy, 99.8% - [108-88-3]
Batch No	8858950
Analysis Date	19-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 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. 99.8%	99.93%
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. 0.0005%	0.0003%
Acidity (HCl)	max. 0.001%	0.0003%
Thiophene homologues (C4H4S)	max. 0.0005%	Passes
Water (KF)	max. 0.02%	0.02%
%T (Transmission) in a 1cm cell v/s H2O		.
@285nm	≥10	17
@290nm	≥50	55
@300nm	≥80	80
@310nm	≥90	91
@320nm	≥95	95
@330nm	≥98	98
@335-400nm	≥99	99

FRM/82/11/2/29490 Rev No. 1 Date 01/11/2015

Prepared by Sanket

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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