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Certificate of Analysis

Product	74497 - Tetrahydrofuran (THF) (Stabilized) extrapure AR, 99.5% - [109-99-9]
Batch No	4412056
Analysis Date	20-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C4H8O
Molecular Weight	72.11

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%	99.95%
Density (g/ml) @ 20°C	0.886-0.888	0.886
Refractive Index (20°C)	1.406-1.408	1.406
Boiling Range	65-67°C	65-67°C
Non Volatile Matter	max. 0.001%	0.0002%
Acidity (CH3COOH)	max. 0.001%	0.0005%
Peroxide (H2O2)	max. 0.005%	0.003%
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00002%	Passes
Copper (Cu)	max. 0.00001%	Passes
Alkaline earths (Ca)	max. 0.00002%	Passes
Alkali metals (Na)	max. 0.00002%	Passes
Water (KF)	max. 0.03%	0.01%
Stabilizer	0.025% di-tert butyl-p-cresol	Present

FRM/82/11/2/74497 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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