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# Certificate of Analysis

**Product** **94842 - Tetrahydrofuran (THF) for HPLC & UV Spectroscopy, 99.9% - [109-99-9]**

**Batch No** **8117974**  
**Analysis Date** 28-May-2024  
**Date of Manufacture** May 2024  
**Expiry Date/Re-Test Date** May 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. 99.9%	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. 0.0005%	0.0003%
Acidity (CH3COOH)	max. 0.001%	0.0005%
Peroxide (H2O2)	max. 0.05%	0.005%
Water (KF)	max. 0.03%	0.03%
%T (Transmission) in a 1cm cell v/s H2O		.
@225nm	≥10	10
@230nm	≥15	17
@240nm	≥32	40
@250 nm	≥55	63
@260nm	≥70	79
@270nm	≥83	90
@280nm	≥90	97
@290nm	≥95	99
@300nm	≥98	100
@310-400nm	≥99	100
Stabilizer	No Stabilizer	No Stabilizer

FRM/82/11/2/94842 Rev No. 6 Date 22/12/2021

Prepared by Ashish

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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