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# Certificate of Analysis

**Product** 94842 - Tetrahydrofuran (THF) for HPLC & UV Spectroscopy, 99.9% - [109-99-9]  
**Batch No** 3111157  
**Analysis Date** 14-Aug-2024  
**Date of Manufacture** August 2024  
**Expiry Date/Re-Test Date** August 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%	99.99%
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%	0.0001%
Acidity (CH3COOH)	max. 0.001%	0.0005%
Peroxide (H2O2)	max. 0.05%	0.01%
Water (KF)	max. 0.03%	0.02%
%T (Transmission) in a 1cm cell v/s H2O		.
@225nm	≥10	18
@230nm	≥15	26
@240nm	≥32	45
@250 nm	≥55	63
@260nm	≥70	78
@270nm	≥83	90
@280nm	≥90	97
@290nm	≥95	100
@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 Udit

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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