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# Certificate of Analysis

<b>Product</b>	<b>92562 - Tetrahydrofuran (THF) for molecular biology, 99.8% - [109-99-9]</b>
<b>Batch No</b>	<b>3364647</b>
<b>Analysis Date</b>	18-Nov-2021
<b>Date of Manufacture</b>	November 2021
<b>Expiry Date/Re-Test Date</b>	November 2026
<b>Molecular Formula</b>	C4H8O
<b>Molecular Weight</b>	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. 99.8%	99.90%
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%	0.0002%
Acidity (CH3COOH)	max. 0.001%	0.0005%
Peroxide (H2O2)	max. 0.05%	0.001%
Water (KF)	max. 0.03%	0.009%
%T (Transmission) in a 1cm cell v/s H2O		.
@225nm	≥10	15
@230nm	≥15	27
@240nm	≥32	47
@250 nm	≥55	61
@260nm	≥70	76
@270nm	≥83	87
@280nm	≥90	94
@290nm	≥95	98
@300nm	≥98	99
@310-400nm	≥99	100

FRM/82/11/2/92562 Rev No. 1 Date 21/11/2021

Prepared by **Trupti**

In compliance with the standard specifications of SRL

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1/1

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