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# Certificate of Analysis

**Product** **68329 - Ethyl Ether for HPLC & UV Spectroscopy, 99.9% - [60-29-7]**  
**Batch No** **2827594**  
**Analysis Date** 20-Dec-2023  
**Date of Manufacture** December 2023  
**Expiry Date/Re-Test Date** December 2028  
**Molecular Formula** C<sub>4</sub>H<sub>10</sub>O  
**Molecular Weight** 74.12

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99.9%	99.95%
Density (g/ml) @ 20°C	0.713-0.715	0.713
Refractive Index (20°C)	1.351-1.353	1.351
Boiling Range	34-35°C	34-35°C
Non Volatile Matter	max. 0.001%	0.0004%
Acidity (CH <sub>3</sub> COOH)	max. 0.001%	0.0007%
Ether peroxides (C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> )	max. 0.0001%	Passes
Water (KF)	max. 0.03%	0.03%
%T (Transmission) in a 1cm cell v/s H <sub>2</sub> O		.
@220nm	≥30	45
@230nm	≥50	56
@250 nm	≥80	85
@270nm	≥90	96
@300-400nm	≥98	100
Stabilizer	Absent	Absent

FRM/82/11/2/68329 Rev No. 2 Date 03/07/2022

Prepared by **DRathod**

In compliance with the standard specifications of SRL

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