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## Certificate of Analysis

<b>Product</b>	<b>98389 - Diethyl Malonate extrapure, 99% - [105-53-3]</b>
<b>Batch No</b>	<b>8776900</b>
<b>Analysis Date</b>	18-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C7H12O4
<b>Molecular Weight</b>	160.17

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99%	99.70%
Density (g/ml) @ 20°C	1.050-1.060	1.050
Refractive Index (20°C)	1.414-1.416	1.414
Boiling Range	198-201°C	Passes
Non Volatile Matter	max. 0.05%	0.0005%
Acidity (C3H4O4)	max. 0.1%	0.03%
Water (KF)	max. 0.1%	0.1%

FRM/82/11/2/98389 Rev No. 1 Date 01/11/2015

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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