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# Certificate of Analysis

**Product** 30239 - Dimethyl Sulphoxide (DMSO) for HPLC & UV Spectroscopy, 99.8% - [67-68-5]  
**Batch No** 9008946  
**Analysis Date** 20-Jun-2024  
**Date of Manufacture** June 2024  
**Expiry Date/Re-Test Date** June 2029  
**Molecular Formula** C<sub>2</sub>H<sub>6</sub>SO  
**Molecular Weight** 78.13

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%	99.91%
Density (g/ml) @ 20°C	1.099-1.101	1.099
Refractive Index (20°C)	1.478-1.479	1.478
Boiling Range	189-192°C	Passes
Freezing Point	17-18°C	17°C
Non Volatile Matter	max. 0.0005%	0.0005%
Acidity (CH <sub>3</sub> COOH)	max. 0.001%	0.0004%
Water (KF)	max. 0.1%	0.02%
%T (Transmission) in a 1cm cell v/s H <sub>2</sub> O		.
@262.5nm	≥10	12
@270nm	≥50	53
@280nm	≥76	79
@290nm	≥84	87
@300nm	≥90	92
@320nm	≥96	98
@340-400nm	≥99	100
(after purging with N <sub>2</sub> for 15 min.)		

FRM/82/11/2/30239 Rev No. 3 Date 13/07/2023

Prepared by Sanket

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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