



**SISCO
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Certificate of Analysis

Product	28580 - Dimethyl Sulphoxide (DMSO) extrapure AR, 99.5% - [67-68-5]
Batch No	1931155
Analysis Date	24-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	C ₂ H ₆ 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. 99.5%	99.93%
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. 0.002%	0.0005%
Acidity (CH ₃ COOH)	max. 0.001%	0.0004%
Iron (Fe)	max. 0.00005%	Passes
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00005%	Passes
Water (KF)	max. 0.1%	0.03%

FRM/82/11/2/28580 Rev No. 2 Date 13/07/2023

Prepared by Rganesh

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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