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# Certificate of Analysis

<b>Product</b>	<b>71545 - Dimethyl Sulphoxide (DMSO) ULSI Semiconductor Grade, 99.9% - [67-68-5]</b>
<b>Batch No</b>	<b>3931216</b>
<b>Analysis Date</b>	16-Apr-2024
<b>Date of Manufacture</b>	April 2024
<b>Expiry Date/Re-Test Date</b>	April 2029
<b>Molecular Formula</b>	C2H6SO
<b>Molecular Weight</b>	78.13

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	5 APHA
Assay (GC)	min. 99.9%	99.97%
Chloride (Cl)	max. 0.5 ppm	Passes
Water (KF)	max. 1000 ppm	600 ppm
Particles > 0.5 µm	<100 P/ml	<10 P/ml
Aluminium (Al)	≤ 20 ppb	<1ppb
Antimony (Sb)	≤ 20 ppb	<1ppb
Arsenic (As)	≤ 20 ppb	<1ppb
Barium (Ba)	≤ 20 ppb	<1ppb
Beryllium (Be)	≤ 20 ppb	<1ppb
Bismuth (Bi)	≤ 20 ppb	<1ppb
Boron (B)	≤ 20 ppb	<1ppb
Cadmium (Cd)	≤ 20 ppb	<1ppb
Calcium (Ca)	≤ 20 ppb	<1ppb
Chromium (Cr)	≤ 20 ppb	<1ppb
Cobalt (Co)	≤ 20 ppb	<1ppb
Copper (Cu)	≤ 20 ppb	<1ppb
Gallium (Ga)	≤ 20 ppb	<1ppb
Germanium (Ge)	≤ 20 ppb	<1ppb
Gold (Au)	≤ 20 ppb	<1ppb
Iron (Fe)	≤ 10 ppb	<1ppb
Lead (Pb)	≤ 20 ppb	<1ppb
Lithium (Li)	≤ 20 ppb	<1ppb
Magnesium (Mg)	≤ 20 ppb	<1ppb

FRM/82/11/2/71545 Rev No. 1 Date 04/01/2024

Prepared by Ashish

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/2

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Test Parameters	Standards	Actual Results
Manganese (Mn)	< 20 ppb	<1ppb
Molybdenum (Mo)	< 20 ppb	<1ppb
Nickel (Ni)	< 20 ppb	<1ppb
Niobium (Nb)	< 20 ppb	<1ppb
Potassium (K)	< 20 ppb	<1ppb
Silver (Ag)	< 20 ppb	<1ppb
Sodium (Na)	< 20 ppb	<1ppb
Strontium (Sr)	< 20 ppb	<1ppb
Tantalum (Ta)	< 20 ppb	<1ppb
Thallium (Tl)	< 20 ppb	<1ppb
Tin (Sn)	< 20 ppb	<1ppb
Titanium (Ti)	< 20 ppb	<1ppb
Vanadium (V)	< 20 ppb	<1ppb
Zinc (Zn)	< 20 ppb	<1ppb
Zirconium (Zr)	< 20 ppb	<1ppb

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