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# Certificate of Analysis

<b>Product</b>	<b>15168 - Acetone ACS, 99.5% - [67-64-1]</b>
<b>Batch No</b>	<b>6544038</b>
<b>Analysis Date</b>	06-Dec-2023
<b>Date of Manufacture</b>	December 2023
<b>Expiry Date/Re-Test Date</b>	December 2028
<b>Molecular Formula</b>	C3H6O
<b>Molecular Weight</b>	58.08

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Solubility with water	Passes test	Passes
Assay (GC)	min. 99.5%	99.85%
Density (g/ml) @ 20°C	0.79	0.79
Refractive Index (20°C)	1.358 - 1.360	1.358
Boiling Range	55 - 56°C	55-56°C
Non Volatile Matter	max. 0.001%	0.0002%
Acidity (CH3COOH)	max. 0.002%	0.0006%
Alkalinity (NaOH)	max. 0.002%	Passes
Substances reducing Permanganate (O)	max. 0.0002%	Passes
Formaldehyde (HCHO)	max. 0.002%	Passes
Methanol (GC)	max. 0.05%	Passes
Isopropanol (GC)	max. 0.05%	Passes
Water (KF)	max. 0.5%	0.03%
Absorbance of sample in 1cm cell v/s H2O		.
@330nm	max. 1.00	0.7294
@340nm	max. 0.10	0.0589
@350nm	max. 0.02	0.0068
@400nm	max. 0.01	0.0040

FRM/82/11/2/15168 Rev No. 2 Date 11/10/2023

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

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