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# Certificate of Analysis

**Product** 15168 - Acetone ACS, 99.5% - [67-64-1]  
**Batch No** 8460490  
**Analysis Date** 11-Jul-2024  
**Date of Manufacture** July 2024  
**Expiry Date/Re-Test Date** July 2029  
**Molecular Formula** C3H6O  
**Molecular Weight** 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%	99.95%
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%	Not Detected
Substances reducing Permanganate (O)	Passes test	Passes
Formaldehyde (HCHO)	max. 0.002%	Passes
Methanol (GC)	max. 0.05%	Passes
Isopropanol (GC)	max. 0.05%	Passes
Water (KF)	max. 0.5%	0.24%
Absorbance of sample in 1cm cell v/s H2O		.
@330nm	max. 1.00	0.7127
@340nm	max. 0.10	0.0555
@350nm	max. 0.02	0.0067
@400nm	max. 0.01	0.0012

FRM/82/11/2/15168 Rev No. 3 Date 04/03/2024

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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