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Certificate of Analysis

Product 27648 - Acetone ACS, ExiPlus, Multi-Compendial, 99.5%
- [67-64-1]
Batch No 9283991
Analysis Date 06-Dec-2023
Date of Manufacture December 2023
Expiry Date/Re-Test Date December 2028
Molecular Formula C₃H₆O
Molecular Weight 58.08

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.5%	99.85%
Density (g/ml) @ 20°C	0.789 - 0.791	0.789
Refractive Index (20°C)	1.358 - 1.360	1.358
Boiling Range	55 - 56°C	55-56°C
Non Volatile Matter	max. 0.001%	0.0001%
Acidity (CH ₃ COOH)	max. 0.002%	0.0006%
Alkalinity (NaOH)	max. 0.002%	0.0002%
Substances reducing Permanganate (O)	max. 0.0002%	Passes
Formaldehyde (HCHO)	max. 0.002%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Isopropanol (GC)	max. 0.05%	Passes
Methanol (GC)	max. 0.05%	0.03%
Water (KF)	max. 0.2%	0.04%

FRM/82/11/2/27648 Rev No. 4 Date 29/10/2018

Prepared by Ashish

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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