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# Certificate of Analysis

**Product** 11340 - Acetone for HPLC & UV Spectroscopy, 99.9% - [67-64-1]  
**Batch No** 3564894  
**Analysis Date** 06-Mar-2024  
**Date of Manufacture** March 2024  
**Expiry Date/Re-Test Date** March 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
Assay (GC)	min. 99.9%	99.99%
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. 0.0005%	0.0001%
Substances reducing Permanganate (O)	max. 0.0002%	Passes
Acidity (CH3COOH)	max. 0.002%	0.0006%
Water (KF)	max. 0.05%	0.02%
%T (Transmission) in a 1cm cell v/s H2O		.
@330nm	≥15	18
@335nm	≥60	63
@340nm	≥85	89
@345nm	≥95	97
@350nm	≥98	99
@355-400nm	≥99	100

FRM/82/11/2/11340 Rev No. 1 Date 01/11/2015

Prepared by Akshay

In compliance with the standard specifications of SRL

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