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Certificate of Analysis

Product 21392 - Methyl Acetoacetate extrapure AR, 99% -
[105-45-3]
Batch No 4941204
Analysis Date 04-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2029
Molecular Formula C5H8O3
Molecular Weight 116.12

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%	99.47%
Density (g/ml) @ 20°C	1.075-1.078	1.075
Refractive Index (20°C)	1.418-1.419	1.418
Boiling Range	168-171°C	Passes
Non Volatile Matter	max. 0.01%	0.0005%
Acidity (CH3COOH)	max. 0.01%	0.0004%
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Halides (Cl)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00005%	Passes
Water (KF)	max. 0.05%	0.02%

FRM/82/11/2/21392 Rev No. 1 Date 01/11/2015

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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