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Certificate of Analysis

Product 10416 - Methyl Isobutyl Ketone (MIBK) for UV spectroscopy, 99.5% - [108-10-1]
Batch No 4478939
Analysis Date 25-Aug-2022
Date of Manufacture August 2022
Expiry Date/Re-Test Date August 2027
Molecular Formula C6H12O
Molecular Weight 100.16

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. 99.5%	99.87%
Density (g/ml) @ 20°C	0.799-0.802	0.799
Refractive Index (20°C)	1.396-1.397	1.396
Boiling Range	114-117°C	114-117°C
Non Volatile Matter	max. 0.0005%	0.0005%
Acidity (CH3COOH)	max. 0.001%	0.0006%
Water (KF)	max. 0.05%	0.05%
%T (Transmission) in a 1cm cell v/s H2O		.
@335nm	≥10	34
@340nm	≥32	74
@350nm	≥56	99
@360nm	≥71	100
@380nm	≥95	100
@400nm	≥98	100

FRM/82/11/2/10416 Rev No. 1 Date 11/21/2017

Prepared by **Rajashri**

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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