



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	24212 - Acetylacetone extrapure AR, 99.5% - [123-54-6]
Batch No	6359674
Analysis Date	06-Aug-2022
Date of Manufacture	August 2022
Expiry Date/Re-Test Date	August 2027
Molecular Formula	C ₅ H ₈ O ₂
Molecular Weight	100.12

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless to slight yellow tinted	Slight yellow tinted
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 30	Passes
Assay (GC)	min. 99.5%	99.93%
Density (g/ml) @ 20°C	0.972 - 0.974	0.972
Refractive Index (20°C)	1.452 - 1.453	1.452
Boiling Range	136 - 138°C	136 - 138°C
Non Volatile Matter	max. 0.005%	0.001%
Acidity (CH ₃ COOH)	max. 0.05%	0.04%
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00002%	Passes
Copper (Cu)	max. 0.000002%	Passes
Alkaline Earth Metals (Ba)	max. 0.00002%	Passes
Alkali metals (Na)	max. 0.00005%	Passes
Ethyl Acetate (GC)	max. 0.01%	Passes
Water (KF)	max. 0.1%	0.1%

FRM/82/11/2/24212 Rev No. 1 Date 01/11/2015

Prepared by Neena

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.