

Regd. Office : 315 TV Industrial Area, 248 Worli Road, Mumbai-400 030, India.
Admin. Office: 1502, Marathon Icon, Marathon Nextgen Off Ganpatrao Kadam Marg,
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CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
 Survey No.299, Poicha(R), -391 780, Taluka : Savli, District : Vadodara , Gujarat
 NABL ACCREDITED TC-6881 ISO/IEC 17025 : 2017 For Chemical Testing

Date of Sampling : 02/02/2019
Testing started on : 02/02/2019
Testing completed on : 05/02/2019
Date of Reporting : 12/05/2023

Name Of The Product	ETHYL ACETATE AR ACS		
Batch No.:	D19A/0819/3101/31	Product Code	20108
Mfg. Date	APR-2019	Reassessment Date	MAR-2024
Specification Reference	20108SP04	Lab ID	RM/1819/01097
CASR No.	141-78-6	Certificate No.:	310119/08
Molecular Formula	C₄H₈O₂	Molecular Weight	88.11

S.NO.	TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
1	Description	A clear liquid, not more than 10 Hazen units in colour, with characteristic odour.	Complies	Ph Eur 6.0 th edition
2	Solubility	Miscible with absolute industrial methylated spirit & with diethyl ether forming a clear colourless solution.	Complies	Ph Eur 6.0 th edition
3	Minimum Assay (GC)	99.5%	99.98%	ACS 11 th edition, 2016
4	Wt. per ml at 20°C	0.899 - 0.901 g	0.901 g	Ph Eur 6.0 th edition
5	Refractive Index	1.372 - 1.373	1.372	Ph Eur 6.0 th edition
6	Boiling Range (76.5 - 77.5°C)	Min. 95.0%	96%	Ph Eur 6.0 th edition
MAXIMUM LIMITS OF IMPURITIES :				
7	Water	0.05%	0.014%	Ph Eur 6.0 th edition
8	Acidity (CH ₃ COOH)	0.005%	0.0028%	ACS 10 th edition
9	Non volatile matter	0.001%	0.0004%	ACS 10 th edition
10	Copper(Cu)	0.000002%	0.000002%	Vogel's fifth edition Quantitative chemical Analysis
11	Iron(Fe)	0.00001%	0.000001%	Vogel's fifth edition Quantitative chemical Analysis
12	Lead(Pb)	0.00001%	NIL	ACS 2000
13	Ethanol (GC)	0.1%	ND	In house development
14	Methanol (GC)	0.1%	ND	In house development
15	Methyl acetate(GC)	0.1%	Not Detected	In house development
16	Organic Impurities	Passes test.	Passes test.	ACS 10 th edition
17	Benzene content(C ₆ H ₆) (By GCHS)	2 ppm w/v	< 2 ppm w/v	USP-36, 2013

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● **Packing is found to be Satisfactory / Not Satisfactory**

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY STANDARD AS ABOVE.
Measured values given in this Certificate of Analysis are the results determined at the time of Analysis.
The above data do not relieve the user from analyzing the product upon receipt. Any legally binding Assurance regarding the suitability of the product for any particular purpose or use cannot be derived thereof.

The results relate only to the sample tested.

This certificate shall not be reproduced except in full, without written consent of the Lab management.

Sampling SOP : SDFCL-POI-SOP-001
Sampling Plan : (Sq.root of N+1)

For S D FINE-CHEM LIMITED, POICHA

(Authorized Signatory)
Manager Quality Control

.....END OF REPORT.....

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