

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
 Survey No.299,Poicha(R),-391780, Taluka : Savli, District : Vadodara , Gujarat
 NABL ACCREDITED TC-6881 ISO/IEC 17025 : 2017 For Chemical Testing

LAB ID.	: RM/1920/12154	CERTIFICATE NO.	: 251219/05
NAME OF PRODUCT:	ETHYL ACETATE AR ACS		
BATCH NO.	: A20A/0519/2512/31		
PRODUCT CODE	: 20108	SPECIFICATION REF.:	20108SP04
MFG. DATE	: JAN.-2020	REASSESSMENT DATE:	DEC.-2024

CASR NO. (141-78-6)
C₄H₈O₂ **M. W. : 88.11**

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear liquid, not more than 10 Hazen units in colour, with characteristic odour.	Complies	Ph Eur 6.0 th edition
*Solubility	Miscible with absolute industrial methylated spirit & with diethyl ether forming a clear colourless solution.	Complies	Ph Eur 6.0 th edition
*Minimum Assay (GC)	99.5%	99.98%	ACS 11 th edition, 2016
*Wt. per ml at 20°C	0.899 - 0.901 g	0.901 g	Ph Eur 6.0 th edition
*Refractive Index	1.372 - 1.373	1.372	Ph Eur 6.0 th edition
*Boiling Range (76.5-77.5°C)	Min. 95.0%	96%	Ph Eur 6.0 th edition
MAXIMUM LIMITS OF IMPURITIES:			
*Water	0.05%	0.012%	Ph Eur 6.0 th edition
*Acidity (CH ₃ COOH)	0.005%	0.00028%	ACS 10 th edition
*Non volatile matter	0.001%	0.0004%	ACS 10 th edition
*Copper (Cu)	0.000002%	0.000002%	Vogel's fifth edition Quantitative chemical Analysis
*Iron (Fe)	0.00001%	0.000001%	Vogel's fifth edition Quantitative chemical Analysis
*Lead (Pb)	0.00001%	NIL	AS 2000
*Ethanol (GC)	0.1%	ND	In house development
*Methanol (GC)	0.1%	ND	In house development
*Methyl acetate (GC)	0.1%	Not Detected	In house development
*Organic Impurities	Passes test.	Passes test.	ACS 10 th edition
*Benzene content (C ₆ H ₆) (By GCHS)	2 ppm w/v	< 2 ppm w/v	USP-36, 2013

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“The tests marked with an * are not accredited by NABL (ISO/IEC 17025:2017)”.

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 result relate only to the sample tested.

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

This product is manufactured at our manufacturing unit no. 2 (Poicha)

Sampling SOP No. : SDFCL-POI-SOP-001

For S D FINE-CHEM LIMITED

Sampling Plan : A (Sq. root of N+1)

Spl.Ref. (if any) : -

(Authorized Signatory)

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