

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
 Survey No.299, Poicha(R), -391 780, Taluka : Savli, District : Vadodara , Gujarat

Testing started on : 04/03/2022
Testing completed on : 04/03/2022
Date of Reporting : 15/06/2022

Name Of The Product	DIETHYL ETHER AR (meets analytical specifications of ACS)		
Batch No.:	F22A/1122/0303/31	Product Code	20094
Mfg. Date	JUNE.-2022	Reassessment Date	MAY.-2027
Specification Reference	20094SP04	Lab ID	RM/2122/03006
CASR No.	60-29-7	Certificate No.:	030322/11
Molecular Formula	C₄H₁₀O	Molecular Weight	74.12

S.NO.	TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
1	Description	A clear, colourless liquid, with a characteristic odour having colour not more than 10 Hazen units.	Complies	Ph Eur 6.0 th edition
2	Minimum Assay(GC)	99.5%	99.87%	In house development
3	Wt.per ml at 20°C	0.713 - 0.715 g	0.715 g	Ph Eur 6.0 th edition
4	Boiling Range	34.0 - 35.0°C	34.2°C	Ph Eur 6.0 th edition
5	Refractive Index	1.351 - 1.353	1.351	Ph Eur 6.0 th edition
MAXIMUM LIMITS OF IMPURITIES :				
6	Acidity(as CH ₃ COOH)	0.001%	0.00060%	In house development
7	Water	0.20%	0.040%	Ph Eur 6.0 th edition
8	Residue on evaporation (excluding stabilizer)	0.001%	0.0004%	ACS 10 th edition
9	Aldehydes & Ketones	0.002%	<0.002%	In house development
10	Ethanol (C ₂ H ₅ OH)	0.05%	NIL	In house development
11	Peroxide (H ₂ O ₂)	0.00003%	<0.00003%	In house development
12	Substances darkened by sulphuric acid	Passes test.	Passes test.	In house development
13	Methanol	0.05%	<0.05%	In house development
14	Carbonyl compound (CO)	0.001%	<0.001%	In house development
15	Stabilizer BHT	Abt. 10 ppm	7 ppm	In house development

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(This is a computer printed report hence valid without signature)



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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.

For S D FINE-CHEM LIMITED,POICHA

**(Authorized Signatory)
Manager Quality Control**

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