

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 : 22/12/2022
Testing started on : 22/12/2022
Testing completed on : 22/12/2022
Date of Reporting : 13/03/2023

Name Of The Product	DIETHYL ETHER AR (meets analytical specifications of ACS)		
Batch No.:	L22A/3322/1512/31	Product Code	20094
Mfg. Date	DEC.-2022	Reassessment Date	NOV.-2027
Specification Reference	20094SP04	Lab ID	RM/2223/12054
CASR No.	60-29-7	Certificate No.:	151222/33
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%	99.74%	In house development
3	Wt.per ml at 20°C	0.713 - 0.715 g	0.713 g	Ph Eur 6.0 th edition
4	Boiling Range	34.0 - 35.0°C	34.7°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%	0.00040%	In house development
7	Water	0.20%	0.014%	Ph Eur 6.0 th edition
8	Residue on evaporation (excluding stabilizer)	0.001%	0.0008%	ACS 10 th edition
9	Aldehydes & Ketones	0.002%	ND	In house development
10	Ethanol (C ₂ H ₅ OH)	0.05%	ND	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%	ND	In house development
14	Carbonyl compound (CO)	0.001%	< 0.001%	In house development
15	Stabilizer BHT	Abt. 10 ppm	< 10 ppm	In house development

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



Regd.Office : 315 TV Industrial Area, 248 Worli Road, Mumbai-400 030, India.
Admin. Office: 1502, Marathon Icon, Marathon Nextgen Off Ganpatrao Kadam Marg,
Veer Santaji Marg, Lower Parel, Mumbai - 400 013
E-mail : technical@sdfine.com; **Web site** : www.sdfine.com
Tel : 022-24814444 **Extn.** : 4510, 4507

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

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.....

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