

### 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

<b>LAB ID.</b>	: RM/1920/07060	<b>CERTIFICATE NO.</b>	: 090719/02
<b>NAME OF PRODUCT:</b>	DIETHYL ETHER AR (meets analytical specifications of ACS)		
<b>BATCH NO.</b>	: A20A/0219/0907/31		
<b>PRODUCT CODE</b>	: 20094	<b>SPECIFICATION REF.:</b>	20094SP04
<b>MFG. DATE</b>	: JAN.-2020	<b>REASSESSMENT DATE:</b>	DEC.-2024

**CASR NO. (60-29-7)**  
**C<sub>4</sub>H<sub>10</sub>O** **M. W. : 74.12**

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear, colourless liquid, with a characteristic odour having colour not more than 10 Hazen units.	Complies	Ph Eur 6.0 <sup>th</sup> edition
*Minimum Assay(GC)	99.5%	99.69%	In house development
*Wt. per ml at 20°C	0.713 - 0.715 g	0.715 g	Ph Eur 6.0 <sup>th</sup> edition
*Boiling Range	34.0 - 35.0°C	34.2°C	Ph Eur 6.0 <sup>th</sup> edition
*Refractive Index	1.351 - 1.353	1.351	Ph Eur 6.0 <sup>th</sup> edition
<b>MAXIMUM LIMITS OF IMPURITIES :</b>			
*Acidity(as CH <sub>3</sub> COOH)	0.001%	0.00080%	In house development
*Water	0.20%	0.042%	Ph Eur 6.0 <sup>th</sup> edition
*Residue on evaporation (excluding stabilizer)	0.001%	0.0008%	ACS 10 <sup>th</sup> edition
*Aldehydes & Ketones	0.002%	<0.002%	In house development
*Ethanol (C <sub>2</sub> H <sub>5</sub> OH)	0.05%	0.04%	In house development
*Peroxide (H <sub>2</sub> O <sub>2</sub> )	0.00003%	<0.00003%	In house development
*Substances darkened by sulphuric acid	Passes test.	Passes test.	In house development
*Methanol	0.05%	<0.05%	In house development
*Carbonyl compound (CO)	0.001%	<0.001%	In house development
*Stabilizer BHT	Abt. 10 ppm	6 ppm	In house development

“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.

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

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



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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  
**Sampling Plan** : A (Sq. root of N+1)  
**Spl. Ref. (if any)** : -

**For S D FINE-CHEM LIMITED**

**(Authorized Signatory)**

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

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