

**CERTIFICATE OF ANALYSIS**  
**QUALITY CONTROL LABORATORY**  
 of SDFCL Mfg. Unit No. 1  
 E27/ E28, MIDC, Tarapur Industrial Area, B-Road, Boisar-401506, Maharashtra

<b>LAB. ID</b>	: RM/1920/0856	<b>CERTIFICATE NO.</b>	: 011019/01
<b>NAME OF PRODUCT</b>	: ACETIC ANHYDRIDE AR, ACS, ISO	<b>DATE OF ANALYSIS</b>	: 09.01.2020
<b>BATCH NO</b>	: A20A/0119/0110/31	<b>SPECIFICATION REF.</b>	: 20002SP04
<b>PRODUCT CODE</b>	: 20002	<b>RETEST DATE</b>	: DECEMBER-2022
<b>MFG. DATE</b>	: JANUARY-2020		

CASR NO : [108-24-7]

(CH<sub>3</sub>CO)<sub>2</sub>O

M.W. : 102.09

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A clear colourless to almost colourless liquid with a pungent odour.	Complies	Analar
Solubility	20% solution in hot water is clear and colourless.	Complies	Analar
Minimum Assay (By GC)	98.0%	99.6%	ACS 8 <sup>th</sup> Edition
Wt. per ml at 20°C	1.079 - 1.082 g	1.082 g	Analar
Substance reducing permanganate	Max. 0.01%	Complies[<0.01%]	ACS 9 <sup>th</sup> Edition
<b>MAXIMUM LIMIT OF IMPURITIES</b>			
Insoluble matter	Passes test.	Complies	ACS 8 <sup>th</sup> Edition
Non volatile matter	0.0025%	Complies[<0.0025%]	ACS 9 <sup>th</sup> Edition
Chloride (Cl)	0.0002%	Complies[<0.0002%]	ACS 9 <sup>th</sup> Edition
Phosphate (PO <sub>4</sub> )	0.001%	Complies[<0.001%]	ACS 9 <sup>th</sup> Edition
Sulphate (SO <sub>4</sub> )	0.0005%	Complies[<0.0005%]	ACS 9 <sup>th</sup> Edition
Copper (Cu)	0.0001%	Complies[<0.0001%]	In house
Iron (Fe)	0.0001%	Complies[<0.0001%]	ACS 9 <sup>th</sup> Edition
Lead (Pb)	0.0001%	Complies[<0.0001%]	ACS 9 <sup>th</sup> Edition

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY OF THE STANDARD AS STATED 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 analysing the product upon receipt. Any legally binding assurance regarding the suitability of the product for any particular purpose or use can not 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.**

**This product is manufactured at our manufacturing unit no. 1 (Boisar).**

For S D FINE-CHEM LIMITED

**Sampling SOP No.** : SDFCL-TAR-SWP-GEN-007  
**Sampling Plan** : A (Sq. root of N+1)  
**Spl. Ref. (if any)** : -

(Authorised Signatory)

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