

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

LAB. ID : RM/1819/1599	CERTIFICATE NO. : 051218/21
NAME OF PRODUCT : ACETIC ANHYDRIDE AR, ACS, ISO	
BATCH NO : C19A/2118/0512/31	DATE OF ANALYSIS : 12.03.2019
PRODUCT CODE : 20002	SPECIFICATION REF: 20002SP04
MFG. DATE : MARCH-2019	RETEST DATE : FEBRUARY-2022

CASR NO : [108-24-7]

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
	$(CH_3CO)_2O$	M.W. : 102.09	
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 8th Edition
Wt. per ml at 20°C	1.079 - 1.082 g	1.080 g	Analar
Substance reducing permanganate	Max. 0.01%	Complies [ $<0.01\%$ ]	ACS 9th Edition
<b>MAXIMUM LIMIT OF IMPURITIES</b>			
Insoluble matter	Passes test.	Complies.	Analar 8th Edition
Non volatile matter	0.0025%	Complies [ $<0.0025\%$ ]	ACS 9th Edition
Chloride (Cl)	0.0002%	Complies [ $<0.0002\%$ ]	ACS 9th Edition
Phosphate ( $PO_4$ )	0.001%	Complies [ $<0.001\%$ ]	ACS 9th Edition
Sulphate ( $SO_4$ )	0.0005%	Complies [ $<0.0003\%$ ]	ACS 9th Edition
Copper (Cu)	0.0001%	Complies [ $<0.0001\%$ ]	In house
Iron (Fe)	0.0001%	Complies [ $<0.0001\%$ ]	ACS 9th Edition
Lead (Pb)	0.0001%	Complies [ $<0.0001\%$ ]	ACS 9th 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)