



**SDFCL**  
s d fine-CHEM LIMITED



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## CERTIFICATE OF ANALYSIS

NAME OF PRODUCT :	ACETONE BP/Ph. Eur./USP-NF	LICENCE NO.:	KD-40
BATCH NO.	: OM/02410119/87	TOTAL QTY.	: 2086 Kg.
MFG. DATE	: JAN. 2019	Q.C.REF.NO.	: OM-242
EXP. DATE	: DEC. 2021	ANALYSIS DATE :	21.01.2019

<u>TEST</u>	<u>ATTRIBUTE</u>	<u>ACTUAL</u>
Description	Volatile, clear, colourless liquid.	Complies
Solubility	Miscible with water and with ethanol (96 %). (The vapour is flammable. )	Complies
Identification	A. It complies with the test for relative density . B. An intense red colour is produced which becomes violet with the addition of 3.5 ml of acetic acid . C. A greenish-blue colour is produced. D. IR -Spectrum - Complies. E - The retention time of the sample corresponds to that of USP Acetone RS, as obtained in the Assay.	Complies
Appearance of solution	To 10 ml add 10 ml of water . The solution is clear and colourless	Complies
Acidity or alkalinity	To pass the test. (The solution is red or orange.)	Complies.
Relative density	0.790 to 0.793	0.791 g
Specific Gravity	NMT 0.789	0.788 g
Reducing substances	The mixture is not completely decolourised.	Complies
Related substances ( by GC)	To pass the test.	Complies
Matter insoluble in water (Dilute 1.0 ml to 20 ml with water.)	The solution is clear.	Complies
Nonvolatile Residue.	Max. 0.004%	0.0016%
Water	Max. 3 g/L	1.8 g/L
Readily oxidizable substances	The permanganate colour of the mixture does not completely disappear within 15 min.	Complies
Acetone Contains C <sub>3</sub> H <sub>6</sub> O Calc on the anhydrous basis)	NLT 99.0%	99.81%

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY OF BP/Ph.Eur./USP-NF STANDARD.

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

FOR S D FINE-CHEM LIMITED

CODE NO. : 20003OM

  
MANAGER (QC)

F-L-QC09-06.DOC

QUALITY CONTROL DEPARTMENT

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Manufacturing Unit No. 1 : E27/E28, MIDC, Tarapur Industrial Area, B-Road, Boisar-401 506  
Manufacturing Unit No. 2 : Survey No. 299, Poicha-391 780, Taluka Savli, Dist. : Baroda