

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/1920/1434	CERTIFICATE NO.	: 301219/02
NAME OF PRODUCT	: MERCURIC CHLORIDE ACS, UR"UNIVERSAL REAGENT" Passes : EXTRAPURE & AR		
BATCH NO	: C21A/0219/3012/32	DATE OF ANALYSIS	: 04.03.2021
PRODUCT CODE	: 20154UR	SPECIFICATION REF.	: 20154URSP01
MFG. DATE	: MARCH-2021	RETEST DATE	: FEBRUARY-2026

CASR NO. : (7487-94-7)

HgCl₂

M.W. : 271.5

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A white / colourless crystals / crystalline powder.	Complies	BP-2013
Solubility	5% solution in water is clear and colourless.	Complies	BP-2013
Minimum Assay (Complexometric, ex Hg)	99.5%	99.96%	BP-2013
Solution in Ethyl ether	Passes test.	Complies	ACS 10 th Edition
Loss on drying (24 hrs in vacuum)	Max.1.0%	0.07%	BP-2013
Residue after reduction with formic acid	Max. 0.02%	0.01%	ACS 10 th Edition

MAXIMUM LIMITS OF IMPURITIES

Mercury (I) chloride	Passes test.	Complies	BP-2013
Acidity or alkalinity	Passes test.	Complies	BP-2013
Calcium (Ca)	0.001%	Complies [<0.001%]	Analar 8 th Edition
Iron (Fe)	0.002%	Complies [< 0.002%]	ACS 10 th Edition
Lead (Pb)	0.0005%	Complies [<0.0005%]	Analar 8 th Edition
Magnesium (Mg)	0.001%	Complies [<0.001%]	Analar 8 th 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)

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

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

SDFCL-MSF-7.8-01-01 Rev.00 **QUALITY CONTROL LABORATORY** **Page No. :1/1**

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, Baroda (Vadodara)