

**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/2223/1104	<b>CERTIFICATE NO.</b>	: 111122/31
<b>NAME OF PRODUCT</b>	: MERCURIC CHLORIDE ACS, UR"UNIVERSAL REAGENT" Passes		
	: EXTRAPURE & AR		
<b>BATCH NO</b>	: D23A/3122/1111/32	<b>DATE OF ANALYSIS</b>	: 18.04.2023
<b>PRODUCT CODE</b>	: 20154UR	<b>SPECIFICATION REF.</b>	: 20154URSP01
<b>MFG. DATE</b>	: APRIL-2023	<b>RETEST DATE</b>	: MARCH-2028

CASR NO. : (7487-94-7)

 HgCl<sub>2</sub>

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%	99.56%	BP-2013
Solution in Ethyl ether	Passes test.	Complies	ACS 10 <sup>th</sup> Edition
Loss on drying (24 hrs in vacuum)	Max.1.0%	0.05%	BP-2013
Residue after reduction with formic acid	Max. 0.02%	0.01%	ACS 10 <sup>th</sup> 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 <sup>th</sup> Edition
Iron (Fe)	0.002%	Complies [<0.001%]	ACS 10 <sup>th</sup> Edition
Lead (Pb)	0.0005%	Complies [<0.0005%]	Analar 8 <sup>th</sup> Edition
Magnesium (Mg)	0.001%	Complies [<0.001%]	Analar 8 <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

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

(Authorised Signatory)

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

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