

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/2223/1056	CERTIFICATE NO.	: 071122/32
NAME OF PRODUCT	: CUPRIC SULPHATE PENTAHYDRATE AR ACS, ISO		
	: Meets Analytical Specification of BP, USP, Ph. Eur.		
BATCH NO	: L22A/3222/0711/31	DATE OF ANALYSIS	: 14.11.2022
PRODUCT CODE	: 20091	SPECIFICATION REF.	: 20091SP03
MFG. DATE	: DECEMBER-2022	RETEST DATE	: NOVEMBER-2027

CASR NO. : (7758-99-8)

	CuSO ₄ ·5H ₂ O	M.W. : 249.68	
TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Transparent blue crystals or blue crystalline powder.	Complies	BP
Solubility	10% solution in water is bright blue and clear.	Complies	BP
Identification	Passes test.	Complies	BP
Minimum Assay (Iodometric)	99.5%	100.06%	USP-2018
Loss on drying (at 250°C)	35 – 36.5%	0.36	BP
MAXIMUM LIMITS OF IMPURITIES			
Insoluble matter	0.003%	Complies[<0.003%]	Analar
Chloride (Cl)	0.0005%	Complies [< 0.0005%]	Analar
Nitrogen compounds (N)	0.002%	Complies[<0.002%]	ACS
Arsenic (As)	0.0005%	Complies[<0.0005%]	Analar
Calcium (Ca)	0.005%	Complies[<0.005%]	ACS
Iron (Fe)	0.003%	Complies [<0.003%]	ACS
Lead (Pb)	0.005%	Complies[<0.005%]	ACS
Magnesium (Mg)	0.005%	Complies [<0.005%]	ACS
Nickel (Ni)	0.005%	Complies [<0.005%]	ACS
Potassium (K)	0.001%	Complies[<0.001%]	ACS
Sodium (Na)	0.005%	Complies [<0.005%]	ACS
Zinc (Zn)	0.01%	Complies[<0.01%]	ACS
Organic volatile impurities	Meets the requirement.	Complies	ACS

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)