

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/2223/1247	CERTIFICATE NO.	: 011222/54
NAME OF PRODUCT	: CALCIUM SULPHATE DIHYDRATE	DATE OF ANALYSIS	: 20.12.2022
BATCH NO	: L22A/5422/0112/31	SPECIFICATION REF.	: 20071SP01
PRODUCT CODE	: 20071	RETEST DATE	: NOVEMBER-2027
MFG. DATE	: DECEMBER-2022		

CASR NO : (10101-41-4)

CaSO₄.2H₂O

M.W. : 172.17

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A white powder.	Complies	Analar
Solubility	2% solution in warm dil.HCl is clear and colourless.	Complies	In house
Minimum Assay (complexometric)	99.0%	99.91%	ACS 9 th Edition
MAXIMUM LIMIT OF IMPURITIES			
Insoluble in HCl	0.01%	Complies[<0.01%]	Analar 6 th Edition
Free acid (H ₂ SO ₄)	0.01%	Complies[< 0.01%]	Analar 6 th Edition
Free alkali (as Ca(OH) ₂)	0.01%	Nil	Analar 6 th Edition
Total nitrogen (N)	0.001%	Complies[< 0.001%]	Analar 6 th Edition
Carbonate (CO ₃)	0.1%	Complies[<0.1%]	Analar 6 th Edition
Chloride (Cl)	0.005%	Complies[<0.005%]	Analar 6 th Edition
Copper (Cu)	0.001%	Complies[< 0.001%]	ACS 9 th Edition
Iron (Fe)	0.001%	Complies[< 0.001%]	Analar 6 th Edition
Lead (Pb)	0.001%	Complies[< 0.001%]	Analar 6 th Edition
Magnesium (Mg)	0.01%	Complies[< 0.01%]	ACS 9 th Edition
Potassium (K)	0.01%	Complies[<0.01%]	ACS 9 th Edition
Sodium (Na)	0.01%	Complies[<0.01%]	ACS 9 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)