

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/2021/0005	CERTIFICATE NO.	: 050420/05
NAME OF PRODUCT	: CALCIUM CHLORIDE DIHYDRATE AR, ACS (Meets Analytical Specification IP,BP,USP,Ph.Eur.)		
BATCH NO	: J20A/0520/0504/31	DATE OF ANALYSIS	: 22.10.2020
PRODUCT CODE	: 20070	SPECIFICATION REF.	: 20070SP03
MFG. DATE	: OCTOBER-2020	RETEST DATE	: SEPTEMBER-2025

CASR NO : (10035-04-8)
CaCl₂.2H₂O
M.W. : 147.01

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	White crystalline powder.	Complies.	BP 2008
Solubility	10% Solution in water is clear and colourless.	Complies.	BP 2008
Identification	Passes tests.	Complies.	BP 2008
Assay (Complexometric)	99.0 - 103%	100.34%	BP 2008
pH (of 5% Solution in water)	4.5 - 8.5	5.57	ACS 10 th Edition
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.01%	Complies [< 0.01%]	ACS 10 th Edition
Free acid (as HCl)	0.005%	Complies.	BP 2008
Free alkali (as CaO)	0.005%	Complies.	BP 2008
Ammonium (NH ₄)	0.005%	Complies [< 0.0001%]	ACS 10 th Edition
Sulphate (SO ₄)	0.01%	Complies [< 0.01%]	Analar 8 th Edition
Aluminium (Al)	0.0001%	Complies [< 0.0001%]	In house
Arsenic (As)	0.0003%	Complies [< 0.0003%]	Analar 8 th Edition
Barium (Ba)	0.003%	Complies [< 0.003%]	Analar 8 th Edition
Iron (Fe)	0.001%	Complies [< 0.001%]	USP 26
Heavy Metals (as Pb)	0.0005%	Complies [< 0.0005%]	ACS 10 th Edition
Magnesium (Mg)	0.005%	Complies [< 0.005%]	Analar 8 th Edition
Magnesium & alkali salts	0.5%	Complies [< 0.5%]	BP 2008
Potassium (K)	0.01%	Complies [< 0.01%]	ACS 7 th Edition
Sodium (Na)	0.02%	Complies [< 0.02%]	ACS 7 th Edition
Strontium (Sr)	0.05%	Complies [< 0.05%]	ACS 10 th Edition
Oxidising sub.(as NO ₃)	0.003%	Complies [< 0.003%]	Analar 8 th Edition
Iron,aluminium & phosphate	Passes test.	Complies	Analar 10 th Edition
Organic volatile impurities	Meets the requirement.	Complies	In house

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)