

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 : RA/2122/396	CERTIFICATE NO. : RA/2122/396
NAME OF PRODUCT : COBALTOUS NITRATE HEXAHYDRATE AR	
BATCH NO : K212/0718/2802/31	DATE OF ANALYSIS : 18.11.2021
PRODUCT CODE : 20083	SPECIFICATION REF. : 20083SP00
MFG. DATE : NOVEMBER-2021	RETEST DATE : OCTOBER-2024

CASR NO (10026-22-9)

Co(NO₃)₂.6H₂O

M.W. : 291.03

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Red deliquescent crystals.	Complies	ACS 10 th Edition
Solubility	10% solution in water is bright and clear.	Complies	ACS 10 th Edition
Minimum Assay (Complexometric)	99.0%	99.92%	ACS 10 th Edition
Reaction (pH)	Not less than 2.5	4.468	In-house
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.003%	Complies[<0.003%]	ACS 10 th Edition
Ammonium (NH ₄)	0.1%	Complies[<0.1%]	In-house
Chloride (Cl)	0.001%	Complies. [< 0.001%]	Analar
Sulphate (SO ₄)	0.005%	Complies [< 0.005%]	ACS 9 th Edition
Calcium (Ca)	0.005%	Complies [< 0.005%]	ACS 10 th Edition
Copper (Cu)	0.001%	Complies[<0.001%]	ACS 10 th Edition
Iron (Fe)	0.002%	Complies[<0.002%]	In-house
Lead (Pb)	0.001%	Complies[<0.001%]	In-house
Manganese (Mn)	0.002%	Complies[<0.002%]	ACS 10 th Edition
Nickel (Ni)	0.01%	Complies [<0.01]	ACS 10 th Edition
Zinc (Zn)	0.005%	Complies[<0.005%]	ACS 10 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)