

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/2021/155	CERTIFICATE NO.	: RA/2021/155
NAME OF PRODUCT	: COBALTOUS CHLORIDE HEXAHYDRATE AR, ACS	DATE OF ANALYSIS	: 23.07.2020
BATCH NO	: G203/3017/0403/31	SPECIFICATION REF:	20082SP05
PRODUCT CODE	: 20082	RETEST DATE	: JUNE-2023
MFG. DATE	: JULY-2020		

CASR NO : (7791-13-1)

 $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$

M.W. : 237.93

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Ruby red coloured crystals / crystalline powder.	Complies	ACS 10 th Edition
Solubility	10% solution in water is bright and clear.	Complies	ACS 10 th Edition
Assay (Complexometric)	99.0 to 102.0%	99.71%	ACS 10 th Edition
Water Content (by KF)	44.5 to 47.0%	44.8%	ACS 10 th Edition

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.01%	Complies [$<0.01\%$]	ACS 10 th Edition
Nitrate (NO ₃)	0.01%	Complies [$<0.01\%$]	ACS 10 th Edition
Sulphate (SO ₄)	0.005%	Complies [$<0.005\%$]	ACS 10 th Edition
Calcium (Ca)	0.005%	Complies [$<0.005\%$]	ACS 10 th Edition
Copper (Cu)	0.0005%	Complies [$<0.0005\%$]	ACS 10 th Edition
Iron (Fe)	0.001%	Complies [$<0.001\%$]	In house
Lead (Pb)	0.005%	Complies [$<0.005\%$]	ACS 10 th Edition
Magnesium (Mg)	0.002%	Complies [$<0.002\%$]	ACS 10 th Edition
Manganese (Mn)	0.003%	Complies [$<0.003\%$]	ACS 10 th Edition
Nickel (Ni)	0.01%	Complies [$<0.01\%$]	ACS 10 th Edition
Potassium (K)	0.005%	Complies [$<0.005\%$]	Analar
Sodium (Na)	0.01%	Complies [$<0.01\%$]	Analar
Zinc (Zn)	0.002%	Complies [$<0.002\%$]	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)