



Regd. Office : 315-317, T.V. Industrial Estate, 248, Worli Road, Mumbai-400 030, INDIA
Phone : +91 22 2495 9898 / 2495 9899 FAX No. : +91 22 2493 7232
e-mail : technical@sdfine.com Web site : www.sdfine.com

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/2223/0996 **CERTIFICATE NO.** : 271022/42
NAME OF PRODUCT : AMMONIUM CHLORIDE AR, ACS, ISO [Meets analytical specification of IP,
BATCH NO : K22A/4222/2710/31 **DATE OF ANALYSIS** : 10.11.2022
PRODUCT CODE : 20017 **SPECIFICATION REF:** 20017SP03
MFG. DATE : NOVEMBER-2022 **RETEST DATE** : OCTOBER-2027

CASR NO : 12125-02-9

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A white crystalline powder	Complies	ACS
Solubility	10% solution in water is clear and colourless.	Complies	ACS
Minimum Assay (Argentometric; ex Cl)	99.8%	99.95%	Analar 8 th Edition
pH (of 5% Soln. in water)	4.6 – 6.0	5.67	Analar 8 th Edition
Loss on drying (at 110°C)	Max. 0.5%	0.04%	BP 2008

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.001%	Complies [$<0.001\%$]	Analar 8 th Edition
Non volatile matter	0.005%	Complies [$<0.005\%$]	Analar 6 th Edition
Acidity or alkalinity	Passes test.	Complies	Analar
Nitrate (NO ₃)	0.00005%	Complies [$<0.00005\%$]	Analar 8 th Edition
Phosphate (PO ₄)	0.0002%	Complies [$<0.0002\%$]	Analar 6 th Edition
Sulphate (SO ₄)	0.002%	Complies [$<0.002\%$]	Analar
Arsenic (As)	0.0003%	Complies [$<0.0003\%$]	Analar
Bromides & iodides	Passes test.	Complies	BP 2008
Iodide (I)	0.001%	Complies [$<0.001\%$]	Analar 8 th Edition
Calcium (Ca)	0.001%	Complies [$<0.001\%$]	In house
Copper (Cu)	0.00025%	Complies [$<0.00025\%$]	In house
Iron (Fe)	0.0002%	Complies [$<0.0002\%$]	Analar
Lead (Pb)	0.0005%	Complies [$<0.0005\%$]	Analar
Magnesium (Mg)	0.0005%	Complies [$<0.0005\%$]	In house
Pyridine & homologues	0.001%	Complies [$<0.001\%$]	Analar
Potassium (K)	0.005%	Complies [$<0.005\%$]	In house
Sodium (Na)	0.005%	Complies [$<0.005\%$]	In house
Thiocyanate	Passes test.	Complies	USP 26

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)

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(This is a computer printed report, valid without signature)