

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/1920/0615	CERTIFICATE NO.	: 170819/21
NAME OF PRODUCT	: AMMONIUM CHLORIDE AR,ACS, ISO [Meets analytical specification of IP, BP, USP, Ph Eur]		
BATCH NO	: H19A/2119/1708/31	DATE OF ANALYSIS	: 20.08.2019
PRODUCT CODE	: 20017	SPECIFICATION REF.	: 20017SP03
MFG. DATE	: AUGUST-2019	RETEST DATE	: JULY-2024

CASR NO : 12125-02-9

NH₄Cl

M.W. : 53.49

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)	99.80%	99.92%	Analar 8 th Edition
pH (of 5% Soln.in water)	4.6 – 6.0	4.73	Analar 8 th Edition
Loss on drying (at 110°C)	Max. 0.5%	0.15%	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)

..... END OF REPORT.....

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