

**CERTIFICATE OF ANALYSIS**  
**QUALITY CONTROL LABORATORY**  
 of SDFCL Mfg. Unit No. 1  
 E27/ E28, MIDC, Tarapur Industrial Area, B-Road, Boisar-401506, Maharashtra

<b>LAB. ID</b>	: RM/2223/1421	<b>CERTIFICATE NO.</b>	: 191222/66
<b>NAME OF PRODUCT</b>	: AMMONIUM ACETATE AR, ACS, REAG. Ph. Eur.	<b>DATE OF ANALYSIS</b>	: 25.02.2023
<b>BATCH NO</b>	: B23A/6622/1912/31	<b>SPECIFICATION REF.</b>	: 20013SP03
<b>PRODUCT CODE</b>	: 20013	<b>RETEST DATE</b>	: JANUARY-2028
<b>MFG. DATE</b>	: FEBRUARY-2023		

CASR NO :631-61-8

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Colourless hygroscopic crystals with a faint odour.	Complies	ACS 10 <sup>th</sup> Edition
Solubility	10% solution in water is clear and colourless.	Complies	ACS 10 <sup>th</sup> Edition
Minimum Assay (Acidimetric, ex NH <sub>3</sub> )	98.0%	99.73%	ACS 10 <sup>th</sup> Edition
pH( of 5% soln.in water, at 25°C)	6.7 - 7.3	7.01	ACS 10 <sup>th</sup> Edition
Water content	Max. 2.0%	1.42%	In-house
Residue on ignition (as SO <sub>4</sub> )	Max. 0.01%	0.004%	ACS 10 <sup>th</sup> Edition

**MAXIMUM LIMIT OF IMPURITIES**

Insoluble matter	0.005%	Complies[<0.005%]	ACS 10 <sup>th</sup> Edition
Chloride (Cl)	0.0005%	Complies[<0.0005%]	ACS 10 <sup>th</sup> Edition
Nitrate (NO <sub>3</sub> )	0.001%	Complies [ <0.001%]	ACS 10 <sup>th</sup> Edition
Sulphate (SO <sub>4</sub> )	0.001%	Complies [ <0.001%]	ACS 10 <sup>th</sup> Edition
Calcium (Ca)	0.001%	Complies[<0.001%]	In-house
Copper (Cu)	0.0005%	Complies[<0.0005%]	In-house
Iron (Fe)	0.0002%	Complies[<0.0002%]	In-house
Heavy metals (as Pb)	0.0002%	Complies[<0.0002%]	ACS 10 <sup>th</sup> Edition
Magnesium (Mg)	0.0005%	Complies[<0.0005%]	In-house
KMnO <sub>4</sub> reducing matter (as HCOOH)	0.005%	Complies[<0.005%]	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)

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