

**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/2223/1336	<b>CERTIFICATE NO.</b>	: 081222/49
<b>NAME OF PRODUCT</b>	: AMMONIUM FERROUS SULPHATE AR	<b>DATE OF ANALYSIS</b>	: 12.12.2022
<b>BATCH NO</b>	: L22A/4922/0812/31	<b>SPECIFICATION REF.</b>	: 2002SP03
<b>PRODUCT CODE</b>	: 20022	<b>RETEST DATE</b>	: MAY-2023
<b>MFG. DATE</b>	: DECEMBER-2022		

CASR NO. : (7783-85-9)

 $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ 

M.W. : 392.13

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Pale greenish blue crystals or crystalline powder.	Complies.	Analar
Solubility	10% solution in freshly boiled and cooled water and dilute sulphuric acid is clear.	Complies.	Analar
Minimum Assay (Redox Titration)	99.0%	100.82%	Analar
pH of (5% solution in water)	3.0 - 5.0	4.348	Analar
<b>MAXIMUM LIMITS OF IMPURITIES</b>			
Insoluble matter	0.003%	Complies [<0.003%]	Analar
Chloride (Cl)	0.001%	Complies [<0.001%]	Analar
Phosphate ( $\text{PO}_4$ )	0.002%	Complies [<0.002%]	Analar
Copper (Cu)	0.002%	Complies [<0.002%]	Analar
Ferric ion ( $\text{Fe}_3+$ )	0.02%	Complies [<0.02%]	Analar
Lead (Pb)	0.001%	Complies [<0.001%]	Analar
Manganese (Mn)	0.05%	Complies [<0.05%]	Analar
Zinc (Zn)	0.003%	Complies [<0.003%]	Analar

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

<b>Sampling SOP No.</b>	: SDFCL-TAR-SWP-GEN-007
<b>Sampling Plan</b>	: A (Sq. root of N+1)
<b>Spl. Ref. (if any)</b>	: -

(Authorised Signatory)

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

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