

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/2122/0203	CERTIFICATE NO.	: 010621/03
NAME OF PRODUCT	: AMMONIUM MOLYBDATE AR	DATE OF ANALYSIS	: 10.12.2021
BATCH NO	: L211/0321/0106/31	SPECIFICATION REF.:	20028SP03
PRODUCT CODE	: 20028	RETEST DATE	: NOVEMBER-2026
MFG. DATE	: DECEMBER-2021		

CASR NO : (12054-85-2)

 $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$

M.W. : 1235.9

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	White uniform crystalline masses sometimes with a slight green or yellow tint.	Complies	ACS 10 th Edition
Solubility	10% solution in hot water is clear and colourless or almost colourless.	Complies	ACS 10 th Edition
Minimum Assay (Oxidimetric)	99.0%	100.28%	ACS 10 th Edition
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.005%	Complies [$<0.005\%$]	ACS 10 th Edition
Chloride (Cl)	0.0005%	Complies [$<0.0005\%$]	ACS 10 th Edition
Nitrate (NO ₃)	0.002%	Complies [$<0.002\%$]	ACS 10 th Edition
Sulphate (SO ₄)	0.005%	Complies [$<0.005\%$]	In-house
Arsenate, Phosphate & Silicate (PO ₄)	0.0005%	Complies [$<0.0005\%$]	ACS 10 th Edition
Copper (Cu)	0.001%	Complies [$<0.001\%$]	In-house
Iron (Fe)	0.001%	Complies [$<0.001\%$]	In-house
Lead (Pb)	0.001%	Complies [$<0.001\%$]	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)

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