

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	: RA/1920/397	CERTIFICATE NO.	: RA/1920/397
NAME OF PRODUCT	: LITHIUM SULPHATE MONOHYDRATE AR		
BATCH NO	: D203/1613/1305/31	DATE OF ANALYSIS	: 30.04.2020
PRODUCT CODE	: 20147	SPECIFICATION REF.	: 20147SP01
MFG. DATE	: APRIL-2020	RETEST DATE	: MARCH-2025

CASR NO : (10102-25-7)

 $\text{Li}_2\text{SO}_4 \cdot \text{H}_2\text{O}$

M.W. : 127.95

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A white crystals / crystalline powder.	Complies	ACS 10 th Edition
Solubility	10% solution in water is clear and colourless.	Complies	ACS 10 th Edition
Minimum Assay (ion exchange)	99.0%	99.66%	Analar 8 th Edition
Loss of drying (150°C)	13 - 15%	14.07%	ACS 10 th Edition
MUM LIMIT OF IMPURITIES			
Insoluble matters	0.005%	0.0045%	Analar 8 th Edition
Chloride (Cl)	0.002%	< 0.002%	ACS 10 th Edition
Nitrate (NO ₃)	0.001%	< 0.001%	In-house
Calcium (Ca)	0.005%	< 0.005%	Analar
Copper (Cu)	0.0005%	< 0.0005%	Analar
Iron (Fe)	0.0005%	< 0.0005%	Analar
Heavy metals (as Pb)	0.0005%	< 0.0005%	In-house
Magnesium (Mg)	0.002%	< 0.002%	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

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)