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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/1617/2517 CERTIFICATE NO. : 030117/29
NAME OF PRODUCT : POTASSIUM PERMANGANATE AR, ACS
Meets Analytical Specification of USP
BATCH NO : C19A/2917/0301/31 DATE OF ANALYSIS : 20.03.2019
PRODUCT CODE : 20217 SPECIFICATION REF. : 20217SP03
MFG. DATE : MARCH-2019 RETEST DATE : FEBRUARY-2024

CASR NO (7722-64-7)

KMnO₄

M.W. : 158.03

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Dark purple or brownish black to almost black crystals with metallic lusture.	Complies	ACS 10 th Edition
Solubility	5% solution in water is clear.	Complies	ACS 10 th Edition
Identification	Passes test.	Complies	USP-30
Assay (Iodometric)	99.5 – 100.5%	99.60%	USP-30
Loss on drying (on silica gel)	Max. 0.5%	0.18%	USP-30

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.2%	< 0.2%	USP-30
Chloride (Cl)	0.005%	< 0.005%	ACS 10 th Edition
Nitrogen compounds (N)	0.005%	<0.005%	Analar 8 th Edition
Sulphate (SO ₄)	0.01%	< 0.01%	ACS 10 th Edition
Iron (Fe)	0.002%	<0.002%	Analar
Lead (Pb)	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)