

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/1819/1935	CERTIFICATE NO. : 300119/43
NAME OF PRODUCT : POTASSIUM DIHYDROGEN ORTHOPHOSPHATE AR	
BATCH NO : K19A/4319/3001/31	DATE OF ANALYSIS : 01.11.2019
PRODUCT CODE : 20203	SPECIFICATION REF : 20203SP02
MFG. DATE : NOVEMBER-2019	RETEST DATE : OCTOBER-2024

CASR NO : (7778-77-0)

	KH ₂ PO ₄	M.W. : 136.09	
TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A white crystalline powder.	Complies	SDFCL-TAR-GTP -001
Solubility	10% solution in water is clear and colourless.	Complies	SDFCL-TAR-GTP -004
Assay (Acidimetric; after drying.)	99.5 - 100.5%	99.8%	BP-2013
pH of (5% solution in water)	4.3 - 4.5	4.4	BP-2013
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.01%	<0.01%	ACS 10 th Edition
Loss on drying (at 110°C)	0.2%	0.1%	ACS 10 th Edition
Chloride (Cl)	0.0005%	Complies [<0.0005%]	ACS 10 th Edition
Nitrate (NO ₃)	0.001%	Complies [<0.001%]	Analar 6 th Edition
Sulphate (SO ₄)	0.005%	Complies [<0.005%]	ACS 10 th Edition
Ammonium (NH ₄)	0.0025%	Complies [<0.0025%]	Analar 6 th Edition
Calcium (Ca)	0.01%	Complies [<0.01%]	Analar 6 th Edition
Iron (Fe)	0.002%	Complies [<0.002%]	ACS 10 th Edition
Lead (Pb)	0.0005%	Complies [<0.0005%]	ACS 10 th Edition
Magnesium (Mg)	0.005%	Complies [<0.005%]	Analar 6 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)

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

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

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Manufacturing Unit No.1:E27/E28,MIDC,Tarapur Industrial Area, B-Road, Boisar-401 506

Manufacturing Unit No.2: Survey No. 299, Poicha-391 780, Taluka Savli, Baroda (Vadodara)