

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
 Survey No.299, Poicha(R), -391 780, Taluka : Savli, District : Vadodara , Gujarat

Testing started on : 10/03/2022
Testing completed on : 10/03/2022
Date of Reporting : 02/05/2022

Name Of The Product	ORTHOPHOSPHORIC ACID SP.GR. 1.75 AR		
Batch No.:	D22A/0622/0903/31	Product Code	20173
Mfg. Date	APR.-2022	Reassessment Date	MAR.-2027
Specification Reference	20173SP02	Lab ID	RM/2122/03059
CASR No.	7664-38-2	Certificate No.:	090322/06
Molecular Formula	H₃PO₄	Molecular Weight	98.00

S.NO.	TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
1	Description	A clear viscous liquid not more than 10 Hazen units in colour.	Complies	Ph Eur 6.0 th edition
2	Solubility	Miscible with water, forming clear & colourless solution.	Complies	Ph Eur 6.0 th edition
3	Minimum Assay (By titrimetry)	88.0%	88.69%	USP 41, NF 36, 2018
4	Wt. per ml at 30°C	About 1.75 g	1.735 g	Ph Eur 6.0 th edition
MAXIMUM LIMITS OF IMPURITIES :				
5	Chloride (Cl)	0.0015%	<0.0015%	ACS 2000
6	Nitrate(NO ₃)	0.0005%	<0.0005%	ACS 10 th edition
7	Silicate (SiO ₂)	0.025%	<0.025%	In house development
8	Sulphate (SO ₄)	0.002%	0.0012%	ACS 10 th edition
9	Arsenic (As)	0.0001%	NIL	In house development
10	Calcium(Ca)	0.004%	<0.004%	In house development
11	Copper (Cu)	0.0005%	<0.0005%	In house development
12	Iron (Fe)	0.0015%	0.0012%	Vogel's fifth edition Quantitative chemical Analysis
13	Lead (Pb)	0.001%	NIL	ACS 2000
14	Magnesium (Mg)	0.004%	<0.004%	In house development
15	Manganese (Mn)	0.0005%	<0.0005%	In house development
16	Substance reducing permanganate	0.001%	<0.001%	In house development
16	Volatile acids (as CH ₃ COOH)	0.001%	<0.001%	In house development

.END OF REPORT.

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



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● **Packing is found to be Satisfactory / Not Satisfactory**

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY STANDARD AS 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 analyzing the product upon receipt. Any legally binding Assurance regarding the suitability of the product for any particular purpose or use cannot 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.

For S D FINE-CHEM LIMITED,POICHA

**(Authorized Signatory)
Manager Quality Control**

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

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