

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
 Survey No.299, Poicha(R), -391780, Taluka : Savli, District : Vadodara , Gujarat
 NABL ACCREDITED TC-6881 ISO/IEC 17025 : 2017 For Chemical Testing

ULR No: TC688120000000197P

1. Discipline: Chemical Testing

I. Group: Chemical

Name of Product	ORTHOPHOSPHORIC ACID SP.GR. 1.75 AR		
Batch No.:	J20A/0420/2310/31	Product Code	20173
Mfg. Date:	OCT.-2020	Reassessment Date:	SEPT.-2025
Specification Ref.:	20173SP02	Lab ID :	RM/2021/10049
CASR No.:	7664-38-2	Certificate No.:	R- 231020/04
Molecular Formula:	H₃PO₄	Molecular Weight:	98.00

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear viscous liquid not more than 10 Hazen units in colour.	Complies	Ph Eur 6.0 th edition
*Solubility	Miscible with water, forming clear & colourless solution.	Complies	Ph Eur 6.0 th edition
Minimum Assay(By titrimetry)	88.0%	88.37%	USP 41,NF 36,2018
*Wt.per ml at 30°C	About 1.75 g	1.734 g	Ph Eur 6.0 th edition
MAXIMUM LIMITS OF IMPURITIES :			
*Chloride (Cl)	0.0015%	<0.0015%	ACS 2000
*Nitrate(NO ₃)	0.0005%	<0.0005%	ACS 10 th edition
*Silicate (SiO ₂)	0.025%	<0.025%	In house development
*Sulphate (SO ₄)	0.002%	0.0012%	ACS 10 th edition
*Arsenic (As)	0.0001%	NIL	In house development
*Calcium(Ca)	0.004%	<0.004%	In house development
*Copper (Cu)	0.0005%	<0.0005%	In house development
*Iron (Fe)	0.0015%	0.0012%	Vogel's fifth edition Quantitative chemical Analysis
*Lead (Pb)	0.001%	NIL	ACS 2000
*Magnesium (Mg)	0.004%	<0.004%	In house development
*Manganese (Mn)	0.0005%	<0.0005%	In house development
*Substance reducing permangante	0.001%	<0.001%	In house development
*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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“The tests marked with an * are not accredited by NABL (ISO/IEC 17025:2017)”.

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.

This product is manufactured at our manufacturing unit no.2

Sampling SOP No. : SDFCL-POI-SOP-001
Sampling Plan : A (Sq. root of N+1)
Spl.Ref. (if any) : -

For S D FINE-CHEM LIMITED
(Authorized Signatory)

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

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