

## CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY

of SDFCL Mfg.Unit No.2

Survey No.299,Poicha(R),-391 780, Taluka : Savli, District : Vadodara , Gujarat  
 NABL ACCREDITED T-3669 ISO/IEC 17025 : 2005 For Chemical (Fine Chemical)

<b>LAB ID.</b>	: RM/1819/06046	<b>CERTIFICATE NO.</b>	: 090618/05
<b>NAME OF PRODUCT:</b>	: ORTHOPHOSPHORIC ACID SP.GR. 1.75 AR		
<b>BATCH NO.</b>	: A19A/0518/0906/31		
<b>PRODUCT CODE</b>	: 20173	<b>SPECIFICATION REF.</b>	: 20173SP02
<b>MFG. DATE</b>	: JAN.-2019	<b>REASSESSMENT DATE</b>	: DEC.-2023

**CASR NO. (7664-38-2)**

**H<sub>3</sub>PO<sub>4</sub>**

**M. W. : 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 <sup>th</sup> edition
*Solubility	Miscible with water forming clear and colourless solution.	Complies	Ph Eur 6.0 <sup>th</sup> edition
Minimum Assay (By titrimetry)	88.0%	88.37%	USP 40 NF 35
*Wt.per ml at 20°C	About 1.75 g	1.734 g	Ph Eur 6.0 <sup>th</sup> edition
<b>MAXIMUM LIMITS OF IMPURITIES :</b>			
*Chloride (Cl)	0.0015%	<0.0015%	ACS 2000
*Nitrate(NO <sub>3</sub> )	0.0005%	<0.0005%	ACS 10 <sup>th</sup> edition
*Silicate(SiO <sub>2</sub> )	0.025%	<0.025%	In house development
*Sulphate(SO <sub>4</sub> )	0.002%	0.001%	ACS 10 <sup>th</sup> 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%	ACS 2000
*Manganese (Mn)	0.0005%	<0.0005%	In house development
*Substances reducing permanganate	0.001%	<0.001%	In house development

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

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

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*Volatile acids (as CH <sub>3</sub> COOH)	0.001%	Complies	In house development
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“The tests marked with an \* are not accredited by NABL (ISO/IEC 17025:2005)”.

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 result 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 (Poicha)

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

(Authorised Signatory)

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

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