

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ORTHOPHOSPHORIC ACID FOR HPLC

CAS No : 7664-38-2

Mol. Formula : H₃PO₄

Mol. WT : 98.00

Date of analysis : 25/04/24

Product code : 24575

Batch No : MCM-6249

Mfd. : April 2024

Exp. : March 2029

S.R	Test	Specification	Observation
1	Description	A clear colourless viscous liquid.	A clear colourless viscous liquid.
2	Assay	85.0% w/w min	85.48% w/w
3	Volatile acids (CH₃COOH)	0.001 % max	<0.001%
4	Iron (Fe)	0.001 % max	< 0.001 %
5	Maximum Absorbance of 1 mol. Solution in 10 mm cuvette	210nm – 0.07 max 220nm – 0.05 max 230nm – 0.04 max 250nm – 0.04 max 300nm – 0.02 max	210nm – 0.059 220nm – 0.035 230nm – 0.025 250nm – 0.027 300nm – 0.010

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Deepa)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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