

## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : ORTHOPHOSPHORIC ACID FOR HPLC**

**CAS No : 7664-38-2**

**Mol. Formula : H<sub>3</sub>PO<sub>4</sub>**

**Mol. WT : 98.00**

**Date of analysis : 03/11/23**

**Product code : 24575**

**Batch No : MCM-4854-01**

**Mfd. : Nov. 2023**

**Exp. : Oct. 2028**

| S.R | Test                                                          | Specification                                                                                    | Observation                                                                       |
|-----|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1   | <b>Description</b>                                            | A clear colourless viscous liquid.                                                               | A clear colourless viscous liquid.                                                |
| 2   | <b>Assay</b>                                                  | 85.0% w/w min                                                                                    | 85.15% w/w                                                                        |
| 3   | <b>Volatile acids (CH<sub>3</sub>COOH)</b>                    | 0.001 % max                                                                                      | <0.001%                                                                           |
| 4   | <b>Iron(Fe)</b>                                               | 0.001 % max                                                                                      | < 0.001 %                                                                         |
| 5   | <b>Maximum Absorbance of 1 mol. Solution in 10 mm cuvette</b> | 210nm – 0.07 max<br>220nm – 0.05 max<br>230nm – 0.04 max<br>250nm – 0.04 max<br>300nm – 0.02 max | 210nm – 0.055<br>220nm – 0.048<br>230nm – 0.037<br>250nm – 0.035<br>300nm – 0.015 |

**REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS**

**[Tested By]**

**CHEMIST  
(Ruchi)**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign.

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