



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : ORTHOPHOSPHORIC ACID LR**

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

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

**Mol. WT : 98.00**

**Date of analysis : 17/10/22**

**Product code : 16690**

**Batch No. : MCR-23473-01**

**Mfd. : Oct. 2022**

**Exp. : Sept. 2027**

| S. R | Test                              | Specification                      | Observation                        |
|------|-----------------------------------|------------------------------------|------------------------------------|
| 1    | Description                       | A clear colourless viscous liquid. | A clear colourless viscous liquid. |
| 2    | Assay (acidimetric)               | 85% w/w min                        | 85.78% w/w                         |
| 3    | Wt. per ml (at 20 <sup>0</sup> c) | 1.70-1.76 g                        | 1.72g                              |
| 4    | Chloride(Cl)                      | 0.001 % max                        | < 0.001 %                          |
| 5    | Nitrate(NO <sub>3</sub> )         | 0.002 % max                        | < 0.002 %                          |
| 6    | Sulphate(SO <sub>4</sub> )        | 0.01 % max                         | < 0.01 %                           |
| 7    | Calcium & Magnesium               | 0.01 % max                         | < 0.01 %                           |
| 8    | Manganese(Mn)                     | 0.06 % max                         | < 0.06 %                           |

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

**[Tested By]**

**CHEMIST  
(Deepa)**

**[QC Incharge]**

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

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

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