



## **CERTIFICATE OF ANALYSIS**

**Date:** 21/04/13

**PRODUCT NAME :** ORTHOPHOSPHORIC ACID

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

**Product code** : 16690

**Mol. Formula** :  $\text{H}_3\text{PO}_4$

**Batch No** : MCR-6628

**Mol. WT** : 98.00

**Mfd .** : April 2013

| S. R | Test                            | Specification | Observation |
|------|---------------------------------|---------------|-------------|
| 1    | Assay (acidimetric)             | 85% w/w min   | 85.80% w/w  |
| 2    | Wt.per ml (at20 <sup>0</sup> c) | 1.70-1.76 g   | 1.74 g      |
| 3    | Chloride(Cl)                    | 0.001 % max   | < 0.001 %   |
| 4    | Nitrate(NO <sub>3</sub> )       | 0.002 % max   | < 0.002 %   |
| 5    | Sulphate(SO <sub>4</sub> )      | 0.01 % max    | < 0.01 %    |
| 6    | Calcium & Magnesium             | 0.01 % max    | < 0.01 %    |
| 7    | Manganese(Mn)                   | 0.06 % max    | < 0.06 %    |

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

**[Tested By]**

**[QC Incharge]**

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

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