



## **CERTIFICATE OF ANALYSIS**

**Date: 30/04/16**

**PRODUCT NAME : POTASSIUM DIHYDROGEN ORTHOPHOSPHATE  
ANHYDROUS**

**CAS No : 7778-77-0**  
**Mol. Formula :  $\text{KH}_2\text{PO}_4$**   
**Mol. WT : 136.09**  
**Exp. : March 2021**

**Product code : 17140**  
**Batch No : MCR - 11618**  
**Mfd. : April 2016**

| S. R | Test                                    | Specification  | Observation |
|------|-----------------------------------------|----------------|-------------|
| 1    | Assay (acidimetric)(on dried substance) | 98 – 101 % w/w | 100.11% w/w |
| 2    | pH (5% aq.solution)                     | 4.0 - 4.7      | 4.03        |
| 3    | Chloride (Cl)                           | 0.01% max      | < 0.01%     |
| 4    | Sulphate ( $\text{SO}_4$ )              | 0.05% max      | < 0.05%     |
| 5    | Sodium (Na)                             | 0.2% max       | < 0.2%      |
| 6    | Loss on drying (at 130°C)               | 2.0% max       | 0.14%       |

**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.

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