

CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM DIHYDROGEN ORTHOPHOSPHATE ANHYDROUS LR

CAS No : 7778-77-0
Mol. Formula : KH_2PO_4
Mol. WT : 136.09
Date of analysis : 01/10/24

Product code : 17140
Batch No. : MCR-32047
Mfd. : Oct. 2024
Exp. : Sept. 2029

| S.R | Test | Specification | Observation |
|-----|--|---|---------------------------|
| 1 | Description | Almost colourless crystals or white crystalline powder. | White crystalline powder. |
| 2 | Assay (acidimetric ,on dried substance) | 98 – 101 % w/w | 99.57% w/w |
| 3 | pH (5% aq.solution) | 4.0 - 4.7 | 4.33 |
| 4 | Chloride (Cl) | 0.01% max | < 0.01% |
| 5 | Sulphate (SO₄) | 0.05% max | < 0.05% |
| 6 | Sodium (Na) | 0.2% max | < 0.2% |
| 7 | Loss on drying (at 130°C) | 2.0% max | 0.07% |


REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Akash)**

[QC Incharge]



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

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