

CERTIFICATE OF ANALYSIS

PRODUCT NAME : PHOSPHORUS PENTOXIDE AR

CAS No : 1314-56-3
Mol. Formula : P₂O₅
Mol. WT : 141.94
Date of analysis : 23/10/24

Product code : 24730
Batch No. : MCAR-00753
Mfd. : Oct. 2024
Exp. : Sept. 2029

| S.R | Test | Specification | Observation |
|-----|------------------------------------------------------------|---------------------------|---------------------------|
| 1 | Description | White hygroscopic powder. | White hygroscopic powder. |
| 2 | Assay | 98% min | 99.59% |
| 3 | Chloride (Cl) | 0.001% max | < 0.001% |
| 4 | Nitrate (NO₃) | 0.0005% max | <0.0005% |
| 5 | Substances soluble in water | 0.02% max | 0.007% |
| 6 | Reducing substances (as P₂O₃) | 0.02% max | <0.02% |
| 7 | Ammonium (NH₄) | 0.001% max | <0.001% |
| 8 | Arsenic (As) | 0.005% max | <0.005% |
| 9 | Lead (Pb) | 0.005% max | <0.005% |
| 10 | Cadmium (Cd) | 0.0005% max | <0.0005% |
| 11 | Iron (Fe) | 0.001% max | <0.001% |
| 12 | Potassium (K) | 0.005% max | <0.005% |
| 13 | Cobalt (Co) | 0.0005% max | <0.0005% |
| 14 | Copper (Cu) | 0.0005% max | <0.0005% |
| 15 | Manganese (Mn) | 0.0005% max | <0.0005% |
| 16 | Sodium (Na) | 0.005% max | <0.005% |
| 17 | Nickel (Ni) | 0.0005% max | <0.0005% |
| 18 | Zinc (Zn) | 0.0005% max | <0.0005% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sayli)**

[QC Incharge]



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

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