



# Product Specifications

PRODUCT NAME: Potassium Phosphate, Monobasic  
Crystal, ACS

CHEMICAL FORMULA: KH<sub>2</sub>PO<sub>4</sub>

Product Code: 447500-90000  
F.W.: 136.0900  
CAS No: 7778-77-0  
Density: 2.34

| ITEM                        | SPECIFICATIONS |
|-----------------------------|----------------|
| Assay                       | 99.0% Min.     |
| Color                       | White          |
| Form                        | Crystals       |
| pH of a 5% solution at 25°C | 4.1-4.5        |
| Insoluble Matter            | 0.01% Max.     |
| Loss on Drying @ 105°C      | 0.2% Max.      |
| Chloride (Cl)               | 0.001% Max.    |
| Sulfate (SO <sub>4</sub> )  | 0.003% Max.    |
| Heavy metals (by ICP-OES)   | 0.001% Max.    |
| Iron (Fe)                   | 0.002% Max.    |
| Sodium (Na)                 | 0.005% Max.    |
| Manufacture Date            | Record Actual  |
| Expiration Date             | Record Actual  |

Remarks:

The above are the specifications, ranges and limits set for this product.

  
Eddy Santiago  
Quality Assurance Manager

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Document Print Date:  
8/15/2025

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