

## Potassium dihydrogen phosphate, 99.5%

Cat. No.: HY-Y0332B  
CAS No.: 7778-77-0  
Batch No.: 212343  
Chemical Name: Phosphoric acid, potassium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $H_2KO_4P$   
Molecular Weight: 136.09  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
Purity: 99.6%  
PH: 4.3  
Clarity experiment: Qualified  
SO<sub>4</sub>: 0.003%  
Cl: 0.001%  
Fe: 0.0008%  
Loss on drying(≤0.2%): Qualified  
Total Nitrogen(≤0.001%): Qualified  
As(≤0.005%): Qualified  
Na(≤0.02%): Qualified  
Heavy Metals(≤0.001%): Qualified  
Water insoluble matter(≤0.002%): Qualified  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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