

Potassium dihydrogen phosphate, 99.5%

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|----------------|---------------------------------------|
| Cat. No.: | HY-Y0332B |
| CAS No.: | 7778-77-0 |
| Batch No.: | 347878 |
| Chemical Name: | Phosphoric acid, potassium salt (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------|--|
| Molecular Formula: | H ₂ KO ₄ P |
| 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) |
| Assay: | 99.60% |
| PH: | 4.3 |
| Clarity experiment: | Qualified |
| SO ₄ : | 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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