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Product Specification

Product Name:
Potassium phosphate monobasic - for molecular biology, ≥98.0%

| | | |
|-----------------|----------------------------------|---------------------------------|
| Product Number: | P9791 | KH ₂ PO ₄ |
| CAS Number: | 7778-77-0 | |
| MDL: | MFCD00011401 | |
| Formula: | H ₂ KO ₄ P | |
| Formula Weight: | 136.09 g/mol | |

| TEST | Specification |
|---------------------------------|---------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear |
| 100 mg/mL, H ₂ O | |
| Phosphorus (P) | Positive |
| Potassium | Positive |
| Chloride (Cl) | < = 10 ppm |
| Iron (Fe) | < = 20 ppm |
| Heavy Metals (as Lead) | < = 10 ppm |
| DNase, Exonuclease Detection | None Detected |
| NICKase, Endonuclease Detection | None Detected |
| RNase Detection | None Detected |
| Protease Detection | None Detected |
| Titration with NaOH | ≥ 98.0 % |
| Recommended Retest Period | ----- |
| 4 years | |

Specification: PRD.0.ZQ5.10000023062

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.