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Product Specification

Product Name:

Potassium phosphate dibasic – ACS reagent, ≥98%

Product Number:

P3786

CAS Number:

7758-11-4

MDL:

MFCD00011383

Formula:

HK2O4P

Formula Weight:

174.18 g/mol



TEST	Specification
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Appearance (Color)

White

Appearance (Form)

Powder

Insoluble matter

≤ 0.01 %

Loss on Drying

≤ 1.0 %

at 105 deg C

Chloride Content

≤ 0.003 %

Nitrogen Compounds

≤ 0.001 %

(as N)

Iron (Fe)

≤ 0.001 %

Sodium (Na)

≤ 0.05 %

Sulfate (SO4)

≤ 0.005 %

Heavy Metals

≤ 5 ppm

(by ICP-OES)

pH

8.5 - 9.6

(c = 5% at 25 deg C)

Assay

≥ 98.0 %

Recommended Retest Period

4 years

Specification: PRD.5.ZQ5.10000031907

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.