

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

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Product Specification

Product Name:
Sodium phosphate dibasic - BioXtra, ≥99.0%

Product Number: S7907
CAS Number: 7558-79-4
MDL: MFCD00003496
Formula: HNa₂O₄P
Formula Weight: 141.96 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Solubility (Color)	Colorless
Solubility (Turbidity)	Complete
1 M in H ₂ O at 25 deg C	
Insoluble matter	≤ 0.1 %
Chloride	Pass
< or = 0.05%	
Sulfate	Pass
< or = 0.05%	
Aluminum (AL)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Iron (Fe)	≤ 0.002 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Calcium (Ca)	≤ 0.002 %
Magnesium (Mg)	≤ 0.005 %
Potassium (K)	≤ 0.005 %
Identity by ICP - Sodium	Positive
Identity by ICP - Phosphorus	Positive
A260 UV Absorption	≤ 0.05
1 M in H ₂ O	
A280 UV Absorption	≤ 0.05
1 M in H ₂ O	

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.

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Product Name:

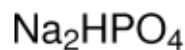
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TEST	Specification
Purity (Titration by NaOH)	≥ 99.0 %
Recommended Retest Period 3 years	-----
pH Test (1M IN WATER, 25DEGC)	8.0 - 11.0
Ammonia Content	≤ 0.05 %

Specification: PRD.1.ZQ5.10000058499

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