

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

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Product Specification

Product Name:

Ammonium phosphate dibasic ACS reagent, ≥98%

Product Number:

215996
 $(\text{NH}_4)_2\text{HPO}_4$

CAS Number:

7783-28-0

MDL:

MFCD00010891

Formula:

H₉N₂O₄P

Formula Weight:

132.06 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Conforms to Requirements
Crystals, Crystalline Powder and/or Chunks	
Infrared spectrum	Conforms to Structure
Titration by HCL	≥98.0 %
Insoluble matter	≤0.005 %
Chloride Content	≤0.001 %
Iron (Fe)	≤0.001 %
Potassium (K)	≤0.005 %
Sodium (Na)	≤0.005 %
Nitrate (NO ₃)	≤0.003 %
Heavy Metal (as Lead)	≤0.001 %
pH	7.7- 8.1
Sulfate	≤0.01 %
Calcium (Ca)	≤0.001 %
Magnesium (Mg)	≤0.0005 %

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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TEST**Specification**

Meets ACS Requirements
Recommended Retest Period
3 Years

Current ACS Specification

Remarks:

Specification Date : 11/22/2010

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