

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Ammonium phosphate monobasic – anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥98%

Product Number:

795461

NH₄H₂PO₄

CAS Number:

7722-76-1

Formula:

NH₄H₂PO₄

Formula Weight:

115.03 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	≥ 98.0 %
Insoluble matter	≤ 0.005 %
c = 10%; Water	
Chloride (CL)	≤ 5 ppm
Iron (Fe)	≤ 0.001 %
Heavy Metal (As Pb)	≤ 5 ppm
Potassium (K)	≤ 0.005 %
Sodium (Na)	≤ 0.005 %
Nitrate (NO ₃)	≤ 0.001 %
pH	3.8 - 4.4
c = 5%; Water At 25 Deg C	
Sulfate	≤ 0.01 %
Calcium (Ca)	≤ 0.001 %
Magnesium (Mg)	≤ 0.0005 %
Qualified Vendor	Confirmed
ACS CHEMICAL INC	
Recommended Retest Period	-----
4 Years	
Meets ACS Requirements	Current ACS Specification

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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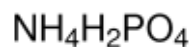
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CAS Number:

7722-76-1

Formula:

 $\text{NH}_4\text{H}_2\text{PO}_4$

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115.03 g/mol

TEST

Specification

Specification: PRD.1.ZQ5.1000072190

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