

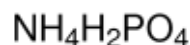
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Ammonium phosphate monobasic – ACS reagent, ≥98%

Product Number: 216003
CAS Number: 7722-76-1
MDL: MFCD00003396
Formula: H6NO4P
Formula Weight: 115.03 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystals or Crystals with Chunks
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	≥ 98.0 %
Insoluble matter c = 10%; Water	≤ 0.005 %
Chloride (CL)	≤ 5 ppm
Iron (Fe)	≤ 0.001 %
Heavy Metal (As Pb)	≤ 5 ppm
Potassium (K)	≤ 0.005 %
Sodium (Na)	≤ 0.005 %
Nitrate (NO3)	≤ 0.001 %
pH c = 5%; Water At 25 Deg C	3.8 - 4.4
Sulfate	≤ 0.01 %
Calcium (Ca)	≤ 0.001 %
Magnesium (Mg)	≤ 0.0005 %
Recommended Retest Period 4 Years	-----
Meets ACS Requirements	Current ACS Specification

Specification: PRD.2.ZQ5.10000015133

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.