

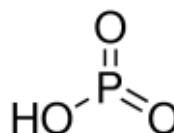
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Product Specification

Product Name:
meta-Phosphoric acid – ACS reagent, chips, 33.5–36.5%

Product Number: 239275
CAS Number: 37267-86-0
MDL: MFCD00011351
Formula: HO₃P
Formula Weight: 79.98 g/mol



TEST	Specification
Appearance (Color)	Colorless or White
Appearance (Form)	Crystals or Crystals with Chunk(s) or Crystalline Chunks
Infrared spectrum	Conforms to Structure
Titration with NaOH	33.5 - 36.5 %
Arsenic (As)	≤ 1 ppm
Assay	≤ 0.02 %
Substances Reducing MNO ₄	
Chloride Content	≤ 0.001 %
Iron (Fe)	≤ 0.005 %
Heavy Metal	≤ 0.005 %
As Lead	
Stabilizer	57.0 - 63.0 %
% NaPO ₃	
Sulfate	≤ 0.005 %
Nitrate (NO ₃)	≤ 0.001 %
Meets ACS Requirements Tenth Edition	Current ACS Specification

Specification: PRD.1.ZQ5.1000002927

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.