

3050 Spruce Street, Saint Louis, MO 63103, USA

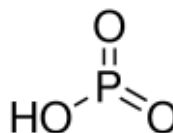
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

meta-Phosphoric acid - ACS reagent, chips, 33.5-36.5%

Product Number: 239275
Batch Number: MKCL9960
Brand: SIGALD
CAS Number: 37267-86-0
MDL Number: MFCD00011351
Formula: HO₃P
Formula Weight: 79.97 g/mol
Quality Release Date: 09 MAR 2020



Test	Specification	Result
Appearance (Color)	Colorless or White	White
Appearance (Form)	Crystals or Crystals with Chunk(s) or Crystalline Chunks	Crystalline Chunk(s)
Infrared Spectrum	Conforms to Structure	Conforms
Titration with NaOH	33.5 - 36.5 %	36.0 %
Arsenic (As)	≤ 1 ppm	1 ppm
Chloride Content	≤ 0.001 %	< 0.001 %
Iron (Fe)	≤ 0.005 %	< 0.005 %
Heavy Metal	≤ 0.005 %	< 0.005 %
As Lead	—	—
Nitrate (NO ₃)	≤ 0.001 %	< 0.001 %
Assay	≤ 0.02 %	< 0.02 %
Substances Reducing MNO ₄	—	—
Stabilizer	57.0 - 63.0 %	60.5 %
% NaPO ₃	—	—
Sulfate (SO ₄)	≤ 0.005 %	< 0.005 %
Meets ACS Requirements	Current ACS Specification	Conforms

Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.