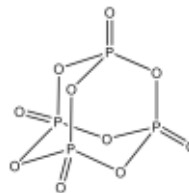


Certificate of Analysis

Product Name:

Phosphorus pentoxide - ReagentPlus® , 99%

Product Number: 214701
Batch Number: MKCX0345
Brand: SIAL
CAS Number: 1314-56-3
MDL Number: MFCD00011440
Formula: O₅P₂
Formula Weight: 141.94 g/mol
Quality Release Date: 13 DEC 2024



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
ICP Major Analysis	Confirmed	Confirmed
Confirms Phosphorus Component		
Arsenic	≤ 100 mg/kg	93 mg/kg
Iron (Fe)	≤ 100 mg/kg	< 100 mg/kg
Heavy Metal (as Lead)	≤ 0.02 %	0.01 %
Purity (Titration by NaOH)	≥ 98.5 %	99.8 %

Larry Coers, Director
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.

