

Certificate of Analysis

Date of Testing: 2023-04-02 20:11:36

Date of Next Testing: 2027-04-01 20:11:36

Product Name: **Phosphorus pentoxide**

CAS Number: 1314-56-3

Specifications & Purity: 99.99% metals basis

Lot #: C2325828

SKU #: **P116347**

Analysis: **206218**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102 (%)	99.64 %
Heavy metal (as Pb)	0-0.01 (%)	0.01 %
Ammonia (NH ₄)	0-0.01 (%)	0.00 %
Total Metallic Impurities	0-100 (ppm)	30.00 ppm
Purity (Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Insoluble matter in H ₂ O	0-0.02 (%)	0.01 %
Appearance (P116347)	White Powder or Granular Powder	White Powder or Granular Powder
ICP: Confirms Phosphorus Component	Confirmed	Confirmed
Phosphorus Trioxide	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager