

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-09 14:25:41

Date of Next Testing: 2029-07-08 14:25:41

Product Name: **Phosphorus pentoxide**

CAS Number: 1314-56-3

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: F2520052

SKU #: **P116347**

Version: **0**

Analysis #: **351615**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102 (%)	98.35000 %
Heavy metal (as Pb)	0-0.01 (%)	0.00000 %
Ammonia (NH ₄)	0-0.01 (%)	0.00000 %
Total Metallic Impurities	0-100 (ppm)	28.00000 ppm
Purity (Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99720 %
Insoluble matter in H ₂ O	0-0.02 (%)	0.00100 %
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