

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-01 14:26:52

Date of Next Testing: 2024-08-21 14:26:52

Product Name: **Phosphorus pentoxide**

CAS Number: 1314-56-3

Specifications & Purity: PrimorTrace™, ≥99.997% metals basis

Lot #: H2217648

SKU #: **P116349**

Version: **0**

Analysis #: **121838**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Insoluble matter(C = 12.5%; H2O)	0-0.01 (%)	0.00500 %
Purity (Titration by NaOH)	98-102 (%)	98.35000 %
Total Metallic Impuritie	0-30 (ppm)	27.00000 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.997-100 (%)	99.99730 %
Appearance (p116349)	White Powder or Granular Powder	White Powder or Granular Powder
ICP: Confirms Phosphorus Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager