

## Certificate of Analysis

Date of Testing: 2025-03-11 10:00:11  
Date of Next Testing: 2029-03-10 10:00:11  
Product Name: **Phosphorus pentoxide**  
CAS Number: 1314-56-3  
Specifications & Purity: ACS, ≥98%, powder  
Lot #: C2506556  
SKU #: **P116348**  
Version: **0**  
Analysis #: **435914**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.01 (%)	0.01%
Insoluble matter in H <sub>2</sub> O	0-0.02 (%)	0.00%
Purity (Titration by NaOH)	98-100 (%)	98.09%
Ammonia (NH <sub>4</sub> )	0-0.01 (%)	0.01%
Appearance (P116348)	White to Off-White Powder	White to Off-White Powder
Miscellaneous Assay(P <sub>2</sub> O <sub>3</sub> )	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager