

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-09 17:35:27  
Date of Next Testing: 2029-06-08 17:35:27  
Product Name: **Potassium phosphate dibasic**  
CAS Number: 16788-57-1  
Specifications & Purity: AR, ≥99.0%  
Lot #: F2505446  
SKU #: **P112277**  
Version: **6**  
Analysis #: **522907**

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.00 %
Sodium(Na)	0-0.05 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
(As)Arsenic	0-0.0001 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
(NO3)Nitrate	0-0.001 (%)	0.00 %
Assay	99-102.5 (%)	99.99 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Loss on drying (180 °C)	21-25 (%)	23.00000 %
Appearance (P112277)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager