

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-28 09:19:59  
Date of Next Testing: 2027-03-28 09:19:59  
Product Name: **di-Potassium hydrogen phosphate trihydrate**  
CAS Number: 16788-57-1  
Specifications & Purity: Premium-Grade Reagents , for Analysis,  
Lot #: C2414495  
SKU #: **D432194**  
**Analysis:** **325890**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(acidimetric)	99-102.5 (%)	100.14000 %
Sulfate(SO4)	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Arsenic(As)	0-0.5 (ppm)	0.00000 ppm
Total nitrogen (N)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-0.1 (%)	0.07 %
PH(5% in water)	9.1-9.3	9.30
Chloride (Cl-)	0-0.001 (%)	0.00 %
Appearance(D432194)	white powder or crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager