

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-01 09:53:41

Date of Next Testing: 2028-06-30 09:53:41

Product Name: **Ammonium phosphatedi basic**

CAS Number: 7783-28-0

Specifications & Purity: AR, ≥98.5%

Lot #: F2424026

SKU #: **A112553**

Version: **1**

Analysis #: **378650**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Potassium(K)	0-0.003 (%)	0.00010 %
PH(5% in water,25°C)	7.8-8.2	8.00000
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
(As)Arsenic	0-0.0005 (%)	0.00000 %
Alkali metals(With phosphate plan)	0-0.1 (%)	0.04300 %
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00200 %
Assay	98.5-100.5 (%)	99.43000 %
Chloride (Cl-)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00500 %
(NO3)Nitrate	0-0.0005 (%)	0.00000 %
Appearance (A112553)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Clarity of solution	pass	Pass
Water solution reaction	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager