

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-15 16:30:24
Date of Next Testing: 2023-11-15 16:30:24
Product Name: **Polyphosphoric acid**
CAS Number: 8017-16-1
Specifications & Purity: $\geq 85\%$ phosphate (as P₂O₅) basis
Lot #: K2203007
SKU #: **P102919**
Analysis: **128512**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Copper(Cu) | 0-1 (ppm) | 0.00 ppm |
| Assay(AS-H ₃ PO ₄) | ≥ 115 (%) | 116.51 % |
| Assay(P ₂ O ₅) | 85-100 | 92.50 |
| Iron(Fe) | 0-20 (ppm) | 10.00 ppm |
| P(Titration by NaOH) | 35-37.5 (%) | 36.83 % |
| Lead(Pb) | 0-1 (ppm) | 0.00 ppm |
| (As)Arsenic | 0-0.003 (%) | 0.00 % |
| Appearance (P102919) | Colorless to Dark Gold Viscous Liquid | Colorless to Dark Gold Viscous Liquid |



John Su
QA & QC Manager