

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-24 09:31:37  
Date of Next Testing: 2023-06-24 09:31:37  
Product Name: **Polyphosphoric acid**  
CAS Number: 8017-16-1  
Specifications & Purity: ≥85% phosphate (as P<sub>2</sub>O<sub>5</sub>) basis  
Lot #: F2218433  
SKU #: **P102919**  
**Analysis:** **094515**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Copper(Cu)	0-1 (ppm)	0.00 ppm
Assay(AS-H <sub>3</sub> PO <sub>4</sub> )	≥115 (%)	116.77 %
Assay(P <sub>2</sub> O <sub>5</sub> )	85-100	94.00
P(Titration by NaOH)	35-37.5 (%)	36.91 %
(As)Arsenic	0-0.003 (%)	0.00 %
Iron(Fe)	0-20 (ppm)	19.82 ppm
Lead(Pb)	0-1 (ppm)	0.00 ppm
Appearance (P102919)	Colorless to Dark Gold Viscous Liquid	Colorless to Dark Gold Viscous Liquid



John Su  
QA & QC Manager