

## Certificate of Analysis

Date of Testing: 2023-06-09 10:38:25  
Date of Next Testing: 2024-06-08 10:38:25  
Product Name: **Polyphosphoric acid**  
CAS Number: 8017-16-1  
Specifications & Purity:  $\geq 85\%$  phosphate (as P<sub>2</sub>O<sub>5</sub>) basis  
Lot #: L2022116  
SKU #: **P102919**  
**Analysis:** **238624**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Copper(Cu)	0-1 (ppm)	0.30 ppm
(As)Arsenic	0-0.003 (%)	0.00 %
Assay(AS-H <sub>3</sub> PO <sub>4</sub> )	$\geq 115$ (%)	116.50 %
Assay(P <sub>2</sub> O <sub>5</sub> )	85-100	86.50
Iron(Fe)	0-20 (ppm)	12.60 ppm
P(Titration by NaOH)	35-37.5 (%)	35.34 %
Lead(Pb)	0-1 (ppm)	0.55 ppm
Appearance (P102919)	Colorless to Dark Gold Viscous Liquid	Colorless to Dark Gold Viscous Liquid



John Su  
QA & QC Manager