

## Certificate of Analysis

Date of Testing: 2023-12-19 14:14:01  
Date of Next Testing: 2024-12-18 14:14:01  
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 #: B2327535  
SKU #: **P102919**  
**Analysis:** **306236**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Copper(Cu)	0-1 (ppm)	0.00 ppm
(As)Arsenic	0-0.003 (%)	0.00 %
Assay(AS-H <sub>3</sub> PO <sub>4</sub> )	$\geq 115$ (%)	120.66 %
Assay(P <sub>2</sub> O <sub>5</sub> )	85-100	88.30
Iron(Fe)	0-20 (ppm)	2.30 ppm
P(Titration by NaOH)	35-37.5 (%)	37.22 %
Lead(Pb)	0-1 (ppm)	0.10 ppm
Appearance (P102919)	Colorless to Dark Gold Viscous Liquid	Colorless to Dark Gold Viscous Liquid



John Su  
QA & QC Manager