

## Certificate of Analysis

Date of Testing: 2023-12-08 17:00:50  
Date of Next Testing: 2027-12-07 17:00:50  
Product Name: **Sodium phosphate monobasic monohydrate**  
CAS Number: 10049-21-5  
Specifications & Purity: ACS, ≥98%  
Lot #: L2305042  
SKU #: **S165316**  
Analysis: **296744**

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.0005 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.003 (%)	0.00 %
Assay	98-102 (%)	99.73 %
Potassium(K)	0-0.01 (%)	0.01 %
PH at 25°C(5% in water)	4.1-4.5	4.46
Appearance (S165316)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager