

Certificate of Analysis

Date of Testing: 2023-10-09 16:05:47
Date of Next Testing: 2026-10-08 16:05:47
Product Name: **Sodium phosphate monobasic monohydrate**
CAS Number: 10049-21-5
Specifications & Purity: ACS reagent, ≥98%
Lot #: J2308068
SKU #: **S431206**
Analysis: **283121**

Parameter	Limit Values	Result
Assay	98-102 (%)	99.56 %
PH at 25°C(5% in water)	4.1-4.5	4.30
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Chloride (Cl-)	0-5 (ppm)	0.00 ppm
Sulfate(SO4)	0-0.003 (%)	0.00010 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.01 %
Heavy Metals (by ICP-OES)	0-0.001 (%)	0.00002 %
Iron(Fe)	0-0.001 (%)	0.00 %
Appearance(S431206)	White Powder or solid	white powder or solid
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager