

Certificate of Analysis

Date of Testing: 2023-10-09 16:05:30

Date of Next Testing: 2026-10-08 16:05:30

Product Name: **Sodium phosphate monobasic monohydrate**

CAS Number: 10049-21-5

Specifications & Purity: ACS reagent, ≥98%

Lot #: J2308067

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 |



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QA & QC Manager