

Certificate of Analysis

Date of Testing: 2024-11-21 09:32:34

Date of Next Testing: 2028-11-20 09:32:34

Product Name: **Sodium dihydngen phoshate anhydrous**

CAS Number: 7558-80-7

Specifications & Purity: AR, ≥99%

Lot #: K2414325

SKU #: **S108339**

Version: **3**

Analysis #: **429440**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)(anhydrous)	99-101 (%)	100.13 %
Sulfate(SO42-)	0-0.015 (%)	0.00 %
Loss on drying	0-1 (%)	0.77 %
PH(5% in water,25°C)	4-4.5	4.18
Heavy metal (as Pb)	0-0.01 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Chloride (Cl-)	0-0.008 (%)	0.00 %
Iron(Fe)	0-0.004 (%)	0.00 %
(As)Arsenic	0-0.0003 (%)	0.00 %
Ammonia (NH4)	0-0.06 (%)	0.06 %
Appearance (S108339)	White to Off-White Powder	White to Off-White Powder
Solubility,Colorless Clear,100 mg/ml,H2O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager