

Certificate of Analysis

Date of Testing: 2024-03-27 12:14:15

Date of Next Testing: 2028-03-26 12:14:15

Product Name: **Sodium dihydngen phoshate anhydrous**

CAS Number: 7558-80-7

Specifications & Purity: for HPLC, ≥99.0%(T)

Lot #: C2422100

SKU #: **S108344**

Analysis: **084117**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
UV Absorbance 320nm	0-0.02	0.01
UV Absorbance 280nm	0-0.04	0.02
Purity (T)	99-100 (%)	99.01%
UV Absorbance 210nm	0-0.1	0.04
UV Absorbance 260nm	0-0.06	0.02
UV Absorbance 500nm	0-0.02	0.01
PH(5% in water,25°C)	4-4.5	4.45
Filtration test	corresponds to standard	corresponds to standard
RP gradient test	pass test	pass test
Solubility in H2O , soluble0.1 g/mL at 25 °C, clear, colorless	pass	Pass
λ,10% in H2O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager