

Certificate of Analysis

Date of Testing: 2022-02-12 13:15:41

Date of Next Testing: 2026-02-11 13:15:41

Product Name: **Sodium dihydngen phoshate anhydrous**

CAS Number: 7558-80-7

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

Lot #: B2210229

SKU #: **S108344**

Analysis: **062947**

Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|-------------------------|-------------------------|
| UV Absorbance 320nm | 0-0.02 | 0.02 |
| UV Absorbance 280nm | 0-0.04 | 0.04 |
| Purity (T) | 99-100 (%) | 99.39% |
| UV Absorbance 210nm | 0-0.1 | 0.02 |
| UV Absorbance 260nm | 0-0.06 | 0.04 |
| UV Absorbance 500nm | 0-0.02 | 0.01 |
| PH(5% in water, 25°C) | 4-4.5 | 4.46 |
| Filtration test | corresponds to standard | corresponds to standard |
| RP gradient test | pass test | pass test |
| Solubility in H ₂ O , soluble 0.1 g/mL at 25 °C, clear, colorless | pass | Pass |
| λ, 10% in H ₂ O | Pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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