

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-24 14:03:43  
Date of Next Testing: 2028-07-23 14:03:43  
Product Name: **Sodium dihydngen phoshate anhydrous**  
CAS Number: 7558-80-7  
Specifications & Purity: for HPLC,  $\geq 99.0\%$ (T)  
Lot #: G2417851  
SKU #: **S108344**  
Version: **0**  
Analysis #: **377843**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
UV Absorbance 320nm	0-0.02	0.02
PH(5% in water, 25°C)	4-4.5	4.42
Purity (T)	99-100 (%)	99.94%
UV Absorbance 210nm	0-0.1	0.09
UV Absorbance 260nm	0-0.06	0.05
UV Absorbance 500nm	0-0.02	0.01
UV Absorbance 280nm	0-0.04	0.04
Solubility in H <sub>2</sub> O, soluble 0.1 g/mL at 25 °C, clear, colorless	pass	Pass
$\lambda$ , 10% in H <sub>2</sub> O	Pass	Pass
Filtration test	corresponds to standard	corresponds to standard
RP gradient test	pass test	pass test
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager