

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-12 11:38:19  
Date of Next Testing: 2028-01-11 11:38:19  
Product Name: **Sodium phosphate dibasic dihydrate**  
CAS Number: 10028-24-7  
Specifications & Purity: for HPLC,  $\geq 99\%$ (T)  
Lot #: A2409456  
SKU #: **S107195**  
Analysis: **086119**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-10 (ppm)	6.00 ppm
UV Absorbance 280nm	0-0.02	0.00
PH	8.7-9.4	9.00
Loss on drying	0-21 (%)	17.00%
UV Absorbance 230nm	0-0.03	0.01
Chloride (Cl-)	0-50 (ppm)	26.00 ppm
Purity (T)	99-100 (%)	99.59%
Appearance (S107195)	White Powder or Crystals	White Powder or Crystals
$\lambda$ , 0.5 M aqueous solution	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager