

## Certificate of Analysis

Date of Testing: 2023-04-23 13:21:54  
Date of Next Testing: 2027-04-22 13:21:54  
Product Name: **Sodium phosphate dibasic dihydrate**  
CAS Number: 10028-24-7  
Specifications & Purity: for HPLC,  $\geq 99\%$ (T)  
Lot #: D2318823  
SKU #: **S107195**  
Analysis: **208715**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-10 (ppm)	2.12 ppm
UV Absorbance 280nm	0-0.02	0.02
PH	8.7-9.4	9.10
Chloride (Cl-)	0-50 (ppm)	0.14 ppm
UV Absorbance 230nm	0-0.03	0.03
Purity (T)	99-100 (%)	99.49%
Loss on drying	20-21 (%)	20.25%
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