

## Certificate of Analysis

Date of Testing: 2023-02-14 13:19:36  
Date of Next Testing: 2025-02-03 13:19:36  
Product Name: **Sodium dihydngen phoshate anhydrous**  
CAS Number: 7558-80-7  
Specifications & Purity: for molecular biology, ≥99%  
Lot #: B2308108  
SKU #: **S108342**  
**Analysis:** **098661**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-40 (ppm)	5.00 ppm
Iron(Fe)	0-30 (ppm)	24.70 ppm
Purity	99-100 (%)	99.90%
Loss on drying(150°C,2h)	0-1 (%)	0.34 %
Appearance (S108342)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
DNase, RNase and Protease	None Detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in pass water		Pass



John Su  
QA & QC Manager