

Certificate of Analysis

Date of Testing: 2024-04-17 10:27:54
Date of Next Testing: 2026-04-07 10:27:54
Product Name: **Sodium dihydrogen phosphate anhydrous**
CAS Number: 7558-80-7
Specifications & Purity: for molecular biology, $\geq 99\%$
Lot #: G2219914
SKU #: **S108342**
Analysis: **342149**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-40 (ppm)	5.00 ppm
Iron(Fe)	0-30 (ppm)	24.67 ppm
Purity	99-100 (%)	99.90%
Loss on drying(150°C,2h)	0-1 (%)	0.32 %
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 ₂ O , clear colorless , 100mg/ml in pass water		Pass



John Su
QA & QC Manager