

Certificate of Analysis

Date of Testing: 2022-02-12 16:37:59
Date of Next Testing: 2024-02-02 16:37:59
Product Name: **4-Nitrophenyl phosphate disodium salt hexahydrate**
CAS Number: 333338-18-4
Specifications & Purity: for cell culture, ≥98%
Lot #: B2209559
SKU #: **P118470**
Analysis: **056889**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Sodium(Na)	11.7-13 (%)	12.02 %
Purity(HPLC)	98-100 (%)	99.64900 %
Phosphorus (P)	8-8.6 (%)	8.53 %
Water by Karl Fischer	28.2-30 (%)	28.42 %
Appearance (P118470)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Cell Culture Test	pass	Pass
Solubility in H ₂ O , Colorless to Yellow-Green, Clear to Hazy, 100mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager