

## Certificate of Analysis

Date of Testing: 2024-08-12 17:22:31  
Date of Next Testing: 2026-08-02 17:22:31  
Product Name: **4-Nitrophenyl phosphate disodium salt hexahydrate**  
CAS Number: 333338-18-4  
Specifications & Purity: for enzyme immunoassay,  $\geq 99.0\%$   
Lot #: J2218174  
SKU #: **P118471**  
Version: **0**  
Analysis #: **383653**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	24-34 (%)	32.41%
Assay(enzymatic Assay)	99-100 (%)	99.01%
Free P-Nitrophenol	0-0.1 (%)	0.01%
Appearance (P118471)	White to Faint Yellow Powder, Crystals or Granules	White to Faint Yellow Powder, Crystals or Granules
Test for use as a substrate for alkaline phosphatase	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager