

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-04-13 10:09:10
Date of Next Testing:	2026-04-12 10:09:10
Product Name:	<b>Phenolphthalein bisphosphate tetrasodium salt</b>
CAS Number:	68807-90-9
Specifications & Purity:	≥92%
Lot #:	D23062054
SKU #	<b>P339730</b>
<b>Analysis:</b>	<b>187839</b>
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	92-100 (%)	97.50%
Water by Karl Fischer	0-16 (%)	12.00%
Phosphorus(anhydrous)	10.4-11.5 (%)	10.50%
Sodium (Na)(anhydrous)	14.6-18 (%)	15.10%
Solubility(50 mg/mL,H <sub>2</sub> O),Colorless to Faint Yellow	Pass	Pass
Clear to Slightly Hazy		
Appearance(P339730)	White to Light Yellow to Light Brown Powder	White to Light Yellow to Light Brown powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager