

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-14 12:04:33  
Date of Next Testing: 2025-06-13 12:04:33  
Product Name: **Bis(p-sulfonatophenyl)phenylphosphine dihydrate dipotassium salt**  
CAS Number: 308103-66-4  
Specifications & Purity: 97%  
Lot #: F2213051  
SKU #: **B281893**  
**Analysis: 095717**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	5-8 (%)	6.70 %
Carbon by Elemental Analysis(anhydrous)	38.4-41.3 (%)	39.50 %
Sulfur by Elemental Analysis(Anhydrous)	11.4-12.3 (%)	11.70 %
Appearance(B281893)	White to Beige and Faint Brown to Light Brown Solid, Powder, Crystals and/or Chunks	White to Beige and Faint Brown to Light Brown Solid, Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager