

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-25 13:28:12

Date of Next Testing: 2025-10-24 13:28:12

Product Name: **Bis(p-sulfonatophenyl)phenylphosphine dihydrate dipotassium salt**

CAS Number: 308103-66-4

Specifications & Purity: $\geq 97\%$

Lot #: J22181084

SKU #: **B281893**

Version: **1**

Analysis #: **119501**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	5-8 (%)	6.78 %
Carbon by Elemental Analysis(anhydrous)	38.4-41.3 (%)	40.61 %
Sulfur by Elemental Analysis(Anhydrous)	11.4-12.3 (%)	12.03 %
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