

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-20 17:24:00
 Date of Next Testing: 2026-04-19 17:24:00
 Product Name: **4'-Fluorobiphenyl-4-sulfonyl chloride**
 CAS Number: 116748-66-4
 Specifications & Purity: $\geq 95\%$
 Lot #: D23141666
 SKU #: **F166184**
 Version: **2**
 Analysis #: **194485**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.25900 %
NMR Spectrum 1H	conforms to structure	Conforms to Structure
Appearance(F166184)	White to Faint Yellow to Yellow or Faint Brown to Brown Powder, Crystals and/or Chunks	White to Faint Yellow to Yellow or Faint Brown to Brown Powder, Crystals and/or Chunks
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager