

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-15 01:49:54

Date of Next Testing: 2027-03-14 01:49:54

Product Name: **4-tert-Butylbenzenesulfonyl chloride**

CAS Number: 15084-51-2

Specifications & Purity: 98%

Lot #: C2311569

SKU #: **T123537**

Analysis: **183981**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.91 %
Melting point	78-84 (°C)	83.98000 °C
Appearance (T123537)	White to Off-white to Light yellow to Light orange Crystals, Powder or Granular	White to Off-white to Light yellow to Light orange Crystals, Powder or Granular
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager