

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-09 14:09:29

Date of Next Testing: 2027-07-09 14:09:29

Product Name: **4'-Chlorobiphenyl-4-sulfonyl chloride**

CAS Number: 20443-74-7

Specifications & Purity: $\geq 97\%$

Lot #: C2010136

SKU #: **C168412**

Version: **0**

Analysis #: **538033**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	107-110 (°C)	109.70000 °C
Purity(HPLC)	97-100 (%)	97.00000 %
Appearance (C168412)	White to Grey solid	White to Grey solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager