

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-15 17:49:49

Date of Next Testing: 2027-03-14 17:49:49

Product Name: **BOC-L-4-Chlorophe**

CAS Number: 68090-88-0

Specifications & Purity: $\geq 97\%$

Lot #: C2310842

SKU #: **B117069**

Version: **0**

Analysis #: **205819**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	96.5-103.5 (%)	98.40000 %
Purity(HPLC)	97-100 (%)	98.30000 %
Melting point	110-114 (°C)	112.00000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Ethyl Acetate})$	22-26 (°)	25.00000 °
Appearance (B117069)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager