

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-07 14:08:53
 Date of Next Testing: 2029-01-06 14:08:53
 Product Name: **Di-tert-butyl 1,4-dioxo-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-2,5(1H,4H)-dicarboxylate**
 CAS Number: 1046864-83-8
 Specifications & Purity: $\geq 95\%$
 Lot #: F2004046
 SKU #: **D189482**
 Version: **0**
 Analysis #: **634260**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.08000 %
Sulfur by Elemental Analysis	11.9-13.05 (%)	12.02 %
Nitrogen by Elemental Analysis	5.2-5.7 (%)	5.34 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager