

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-14 18:23:08

Date of Next Testing: 2027-03-13 18:23:08

Product Name: **Ethyl 1-tert-Butoxycarbonyl-4-oxo-3-piperidinecarboxylate**

CAS Number: 98977-34-5

Specifications & Purity: $\geq 98\%$

Lot #: C2309815

SKU #: **E156353**

Version **1**

Analysis #: **173028**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.53100 %
Appearance(E156353)	White to Yellow powder to crystal	White to Yellow powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager