

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-26 09:19:37

Date of Next Testing: 2027-05-25 09:19:37

Product Name: **tert-Butyl 5-Norbornene-2-carboxylate (endo- and exo- mixture)**

CAS Number: 154970-45-3

Specifications & Purity: $\geq 95\%$ (GC)

Lot #: E2305843

SKU #: **T161450**

Version: **0**

Analysis #: **077128**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.458-1.462	1.46010
Purity(GC)(total of isomers)	95-100 (%)	95.01000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager