

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-22 15:02:01  
Date of Next Testing: 2026-02-11 15:02:01  
Product Name: **Methyl 5-Norbornene-2-carboxylate(endo- and exo- mixture)**  
CAS Number: 6203-08-3  
Specifications & Purity: 96%  
Lot #: G2017168  
SKU #: **M101937**  
**Analysis: 322531**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.06-1.065	1.06
Refractive index n <sub>20</sub> /D	1.472-1.477	1.48
Purity( (sum of isomers)(GC)	96-100 (%)	99.50 %
Appearance (M101937)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager