

Certificate of Analysis

Date of Testing: 2023-04-21 15:26:57
Date of Next Testing: 2025-04-10 15:26:57
Product Name: **Methyl 5-Norbornene-2-carboxylate(endo- and exo- mixture)**
CAS Number: 6203-08-3
Specifications & Purity: 96%
Lot #: D2318113
SKU #: **M101937**
Analysis: 111087
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity((sum of isomers)(GC)	96-100 (%)	98.50 %
Density (20°C)	1.06-1.065	1.06
Refractive index n ₂₀ /D	1.472-1.477	1.47
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