

Certificate of Analysis

Date of Testing: 2024-12-16 09:54:00
Date of Next Testing: 2026-12-06 09:54:00
Product Name: **Bicyclo[2.2.1]hept-5-ene-2-carboxaldehyde**
CAS Number: 5453-80-5
Specifications & Purity: $\geq 98\%$
Lot #: F2104053
SKU #: **B111451**
Version: **1**
Analysis #: **449542**
Storage Temperature: Store at -20°C , Argon charged

| Parameter | Limit Values | Result |
|------------------------------|----------------------------------|----------------------------------|
| Refractive index $n_{20/D}$ | 1.486-1.49 | 1.49 |
| Purity((sum of isomers)(GC) | 98-100 (%) | 98.06 % |
| Density (20°C) | 1.026-1.032 | 1.03 |
| Appearance (B111451) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager