

## Certificate of Analysis

Date of Testing: 2023-07-20 13:15:29  
Date of Next Testing: 2026-07-19 13:15:29  
Product Name: **Methyl 11-Bromoundecanoate**  
CAS Number: 6287-90-7  
Specifications & Purity: >97.0%(GC)  
Lot #: G2313970  
SKU #: **M157817**  
Analysis: **254116**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.463-1.467	1.47
Purity(GC)	97-100 (%)	97.87%
Appearance (M157817)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager