

## Certificate of Analysis

Date of Testing: 2023-05-15 09:08:00  
Date of Next Testing: 2025-05-14 09:08:00  
Product Name: **Methyl Levulinate**  
CAS Number: 624-45-3  
Specifications & Purity: >98.0%(GC)  
Lot #: L1727023  
SKU #: **M157990**  
Analysis: **223199**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.00%
Refractive index n <sub>20</sub> /D	1.42-1.424	1.42
Appearance (M157990)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager