

## Certificate of Analysis

Date of Testing: 2022-12-08 13:35:42  
Date of Next Testing: 2026-12-07 13:35:42  
Product Name: **Isobutyl Butyrate**  
CAS Number: 539-90-2  
Specifications & Purity: >98.0%(GC)  
Lot #: K2230714  
SKU #: **I157497**  
Analysis: **116255**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.59%
Refractive index n <sub>20</sub> /D	1.402-1.405	1.40
Appearance (I157497)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager