

## Certificate of Analysis

Date of Testing: 2022-05-14 13:19:07

Date of Next Testing: 2026-05-13 13:19:07

Product Name: **Isobutyl Propionate**

CAS Number: 540-42-1

Specifications & Purity: >98.0%(GC)

Lot #: D2315471

SKU #: **I157498**

Analysis: **089227**

| Parameter                           | Limit Values                    | Result                          |
|-------------------------------------|---------------------------------|---------------------------------|
| Purity(GC)                          | 98-100 (%)                      | 99.70 %                         |
| Refractive index n <sub>20</sub> /D | 1.396-1.398                     | 1.40                            |
| Appearance (I157498)                | colorless to pale yellow liquid | colorless to pale yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure           | Conforms to Structure           |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager