

## Certificate of Analysis

Date of Testing: 2023-09-26 11:51:47

Date of Next Testing: 2026-09-25 11:51:47

Product Name: **1-(Ethoxycarbonyl)cyclobutanecarboxylic acid**

CAS Number: 54450-84-9

Specifications & Purity: 97%

Lot #: I2320629

SKU #: **E589432**

**Analysis:** **267435**

Storage Temperature: Desiccated

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(GC)               | 97-100 (%)            | 97.17 %               |
| NMR Spectrum 1H          | Conforms to structure | Conforms to Structure |
| GC-MS for identification | Conforms              | Conforms              |

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

John Su  
QA & QC Manager