

## Certificate of Analysis

Date of Testing: 2024-08-20 17:58:00  
Date of Next Testing: 2027-08-20 17:58:00  
Product Name: **Ethyl 2-oxobutyrate**  
CAS Number: 15933-07-0  
Specifications & Purity: 95%  
Lot #: H2414117  
SKU #: **E181823**  
Version: **0**  
Analysis #: **345055**  
Storage Temperature: Room temperature

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(GC)          | 95-100 (%)            | 97.13 %               |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager