

## Certificate of Analysis

Date of Testing: 2023-04-14 14:51:02

Date of Next Testing: 2027-04-13 14:51:02

Product Name: **Ethyl 4,4,4-trifluoroacetoacetate**

CAS Number: 372-31-6

Specifications & Purity: 98%

Lot #: D2310345

SKU #: **E109508**

**Analysis:** **093088**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.375-1.378                      | 1.38                             |
| Purity(GC)                          | 98-100 (%)                       | 98.73 %                          |
| Density (20°C)                      | 1.249-1.267                      | 1.27                             |
| Appearance (E109508)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



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