

CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: E890940 CAS Number: 344-00-3

Synonym: Ethyl 2-methyl-4,4,4-trifluoroacetoacetate;

Ethyl 4,4,4-trifluoro-2-methyl-3-

oxobutanoate; Ethyl 4,4,4-trifluoro-2methylacetoacetate; Ethyl (±)-2-methyl-4,4,4-

trifluoroacetoacetate; Ethyl 2-methyl-4,4,4-

trifluoroacetoacetate

Molecular Formula:

C7H9F3O3

Molecular weight:

198.14

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
DMSO (Slightly), Ethyl Acetate
(Slightly), Mathanal (Spa

(Slightly), Methanol (Spa

Purity: 95%

Storage

Condition: 20°C

Structure:

Product:

F CH₃

Ethyl 2-(trifluoroacetyl)propionate

Lot 711659578-1-1

Shipping This Product Is Stable To Be **Condition:** Shipped At Room Temperature

2. Warning

Warning 1: Warning 2: Warning 3:

3. Analytical Information

Tests: Specifications: Results:

Appearance Colourless to Pale Yellow Oil Clear Colourless Oil

NMRConforms to StructureConformsF NMRConforms to StructureConformsC NMRConforms to StructureConformsMSConforms to StructureConforms

Specific Rotation Report Result $+0.1^{\circ}$ (c = 0.2, Methanol)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed ByReviewed ByC of A Approved ByTest DateRetest DateHenry TieuToni RantanenChristina Gouliaras9/2/20228/31/2026

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Resto

Doulurs