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Certificate of Analysis

Catalogue Number 31869
Lot Number 002740-180417-01
Product **Ethyl 2-oxocyclohexanecarboxylate**

2-(Ethoxycarbonyl)cyclohexanone

Ethyl cyclohexanone-2-carboxylate

CAS Number 1655-07-8

Molecular Formula C₉H₁₄O₃

Molecular Weight 170.21

Appearance Colorless to pale yellow liquid

Solubility Miscible in Methanol

Density 1.042 g/mL

Refractive Index n₂₀/D 1.478

**Water Content (Karl
Fisher)** 0.1%

Purity by GC 98.1%

Application Ethyl 2-oxocyclohexanecarboxylate is used to produce other chemicals. For example, it can react with 4-methyl-aniline to get 2-oxo-cyclohexanecarboxylic acid p-toluidide. The reaction occurs with reagent DMAP.

Storage Store at 0-8 °C

Remarks See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager