

Certificate of Analysis

3-Ethoxy-3-oxopropanoic acid (potassium)

Cat. No.: HY-Y1031A CAS No.: 6148-64-7 Batch No.: 419415

Chemical Name: Propanedioic acid, 1-ethyl ester, potassium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₇KO₄ Molecular Weight: 170.21

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0% Water(KF): 0.13%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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