

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-08 10:03:32

Date of Next Testing: 2029-04-07 10:03:32

Product Name: **(R)-4-Chloro-3-hydroxybutyric Acid Ethyl Ester**

CAS Number: 90866-33-4

Specifications & Purity: $\geq 95\%$

Lot #: F2121095

SKU #: **C108078**

Version: **0**

Analysis #: **491181**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	11-18 (°)	17.90000 °
Density (20°C)	1.188-1.192	1.19000
Refractive index $n_{20/D}$	1.451-1.455	1.45300
Purity(GC)	95-100 (%)	95.40000 %
Appearance (C108078)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager