

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-05-09 13:28:59

Date of Next Testing: 2028-05-08 13:28:59

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

CAS Number: 90866-33-4

Specifications & Purity: 95%

Lot #: E2507082

SKU #: **S51743**

Version: **0**

Analysis #: **509976**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=Neat)	11-18 (°)	12.13°
Density (20°C)	1.188-1.192	1.19
Refractive index n _{20/D}	1.451-1.455	1.45
Purity(GC)	95-100 (%)	95.19%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S51743)	Colorless to Yellow Liquid	Colorless to Yellow Liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

