



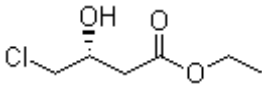
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

## CERTIFICATE OF ANALYSIS

NO: **DYC191905151**

Product name	(R)-(+)-ethyl-4-chloro-3-hydroxybutanoate
CAS Number	90866-33-4
Molecule Structure	
Molecule Formula	C6H11ClO3
Batch number	20190320
Manuf. &Exp. Date	2019.03.20; 2020.03.20
Testing date	2019.03.22

Items	Standard	Result
Appearance	A colorless liquid	Conforms
Boiling point	93-95°C (5MMHG)	93-95°C (5MMHG)
Specific rotation	+14° to +18° (neat)	+15.9° (neat)
Assay	≥ 96%	96.30%
Conclusion	Qualified	

QUALITY CONTROL:  
Hangzhou Dingyan Chem Co., Ltd.  
Quality Control .....  
*Nicole*  
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风