

Certificate of Analysis

Product:	(S)-1,2,3,4-Tetrahydro-1-naphthoic acid	
CAS No.:	85977-52-2	
Batch No.:	201001	
Manuf. Date:	2020/10/20	
Retest Date:	2022/10/19	
Specification:	Enterprise Standard	
Item	Standard	Result
Appearance	White or almost white crystalline powder	Conforms
Solubility	Easily soluble in ethanol and ethyl acetate, almost insoluble in water.	Conforms
Assay	≥99.0%	99.7%
e.e.%	≥99.0%	99.9%
Isomer impurity	≤0.5%	0.0%
Loss on drying	≤0.5%	0.2%
Relate substance	≤1.0%	0.3%
Conclusion	The product conforms to Enterprise Standard	
Storage	5~8°C Airtightness	

Analyst: Xu Weijie

Checker: Ma Hanfeng

Approved: Ren Jianqiang