

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-27 10:02:58

Date of Next Testing: 2028-04-26 10:02:58

Product Name: (R)-(-)-2-Phenylpropionic acid

CAS Number: 7782-26-5

Specifications & Purity: 98%

Lot #: D2516274

SKU #: S50635

Version: 0

Analysis #: 504367

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.27 %
Purity (Titration by NaOH)	97.5-102.5 (%)	99.52 %
Optical purity(ee)	98-100 (%)	98.73 %
Specific Rotation [α] ₂₀ /D(c=3 in EtOH)	-85--75 (°)	-75.03 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S50635)	white to yellow solid or liquid	white to yellow solid or liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

