

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2024-11-13 17:01:29

Date of Next Testing: 2028-11-12 17:01:29

Product Name: (R)-(-)-2-Amino-1-butanol

CAS Number: 5856-63-3

Specifications & Purity: 98%

Lot #: K2407092

SKU #: S48663

Version: 0

Analysis #: 437501

Storage Temperature: Room temperature

| Parameter                                      | Limit Values                     | Result                           |
|------------------------------------------------|----------------------------------|----------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=Neat) | -11--7 (°)                       | -9.00 °                          |
| Density (20°C)                                 | 0.944-0.949                      | 0.95                             |
| Purity(GC)                                     | 98-100 (%)                       | 99.46 %                          |
| Refractive index n <sub>20</sub> /D            | 1.449-1.454                      | 1.45                             |
| Infrared spectrum                              | Conforms to Structure            | Conforms to Structure            |
| Appearance(S48663)                             | Colorless to light yellow liquid | Colorless to light yellow liquid |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

