

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2026-07-29 16:57:46

Date of Next Testing: 2028-07-18 16:57:46

Product Name:  **$\alpha$ -Bromoisobutryl bromide**

CAS Number: 20769-85-1

Specifications & Purity: 98%

Lot #: G2617095

SKU #: S44430

Version: 0

Analysis #: 749754

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                   | Result                         |
|-----------------------------------------|--------------------------------|--------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                 | 102.14000 %                    |
| Purity(GC)                              | 98-100 (%)                     | 99.92000 %                     |
| Refractive index n <sub>20</sub> /D     | 1.507-1.512                    | 1.51120                        |
| Density (20°C)                          | 1.861-1.871                    | 1.86720                        |
| Infrared spectrum                       | Conforms to Structure          | Conforms to Structure          |
| Appearance(S44430)                      | Colorless to pale brown liquid | Colorless to pale brown liquid |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

