

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-16 14:13:35  
 Date of Next Testing: 2028-01-06 14:13:35  
 Product Name: **Ethyl 2-bromobutyrate**  
 CAS Number: 533-68-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2224484  
 SKU #: **E110204**  
 Version: **0**  
 Analysis #: **638384**  
 Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 98-100 (%)                       | 99.55500 %                       |
| Refractive index n <sub>20</sub> /D | 1.446-1.449                      | 1.44810                          |
| Density (20°C)                      | 1.327-1.332                      | 1.33000                          |
| Appearance (E110204)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager