

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-08 22:29:03  
 Date of Next Testing: 2026-08-07 22:29:03  
 Product Name: **Trimethyl orthobutyrates**  
 CAS Number: 43083-12-1  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: H2205385  
 SKU #: **T107302**  
 Version: **0**  
 Analysis #: **113454**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.4-1.405                        | 1.40360                          |
| Density (20°C)                      | 0.928-0.938                      | 0.93200                          |
| Purity(GC)                          | 97-100 (%)                       | 97.06500 %                       |
| Appearance (T107302)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager