

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-20 16:02:04  
 Date of Next Testing: 2028-04-19 16:02:04  
 Product Name: (±)-2-Methyl-1-butanol  
 CAS Number: 137-32-6  
 Specifications & Purity: ≥98%  
 Lot #: D2418104  
 SKU #: M106456  
 Version: 2  
 Analysis #: 024988  
 Storage Temperature: Room temperature

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 98-100 (%)                       | 99.03500 %                       |
| Refractive index n <sub>20</sub> /D | 1.4095-1.4115                    | 1.40980                          |
| Density (20°C)                      | 0.817-0.82                       | 0.81900                          |
| Appearance (M106456)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to structure            | Conforms to Structure            |



John Su  
QA & QC Manager