

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-04 10:38:01

Date of Next Testing: 2025-08-03 10:38:01

Product Name: **2-Hydroxy-2-Methylbutyric Acid**

CAS Number: 3739-30-8

Specifications & Purity: Moligand™, ≥98%

Lot #: K2102425

SKU #: **H133323**

Version: **0**

**Analysis #:** **259582**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(GC)                     | 98-100 (%)            | 98.12600 %            |
| Purity(Titration by 0.1M NaOH) | 97.5-102.5 (%)        | 98.20000 %            |
| Melting point                  | 69-75 (°C)            | 71.65000 °C           |
| Appearance (H133323)           | white powder or solid | white powder or solid |
| Infrared spectrum              | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |
| Solubility in H2O              | Almost transparency   | almost transparency   |



John Su  
QA & QC Manager