

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-03 16:18:51

Date of Next Testing: 2029-04-02 16:18:51

Product Name: **2-Amino-2,3-dimethylbutyramide**

CAS Number: 40963-14-2

Specifications & Purity:  $\geq 95\%$

Lot #: F2328221

SKU #: **A184403**

Version: **1**

Analysis #: **685424**

Storage Temperature: Room temperature, Argon charged

| Parameter                                          | Limit Values          | Result                |
|----------------------------------------------------|-----------------------|-----------------------|
| Melting point                                      | 76-80 (°C)            | 76.13800 °C           |
| Purity(Nonaqueous Titration)                       | 94.5-105.5 (%)        | 98.19900 %            |
| Specific rotation $[\alpha]_{20/D}(C=0.2, CHCl_3)$ | -3-3 (°)              | -2.97700 °            |
| Appearance (A184403Form)                           | Powder to crystal     | Powder to crystal     |
| Appearance (A184403Color)                          | White to Light yellow | White to Light yellow |
| Proton NMR spectrum                                | Conforms to Structure | Conforms to Structure |



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QA & QC Manager