

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-22 09:02:49

Date of Next Testing: 2029-12-21 09:02:49

Product Name: **Betaine monohydrate**

CAS Number: 590-47-6

Specifications & Purity:  $\geq 99\%$ 

Lot #: L2518621

SKU #: **B106221**Version: **0**Analysis #: **626556**

Storage Temperature: Store at 2-8°C

| Parameter                                                                    | Limit Values             | Result                   |
|------------------------------------------------------------------------------|--------------------------|--------------------------|
| Purity(Titration by HClO <sub>4</sub> )                                      | 99-101 (%)               | 99.82000 %               |
| Water by Karl Fischer                                                        | 10-16 (%)                | 12.53950 %               |
| Appearance (B106221)                                                         | White Powder or Crystals | White Powder or Crystals |
| Solubility in H <sub>2</sub> O , Colorless,Clear,100 mg/mL, H <sub>2</sub> O | pass                     | Pass                     |
| Infrared spectrum                                                            | Conforms to Structure    | Conforms to Structure    |

John Su  
QA & QC Manager