

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-07 09:14:20

Date of Next Testing: 2030-01-06 09:14:20

Product Name: **Betaine monohydrate**

CAS Number: 590-47-6

Specifications & Purity:  $\geq 99\%$ 

Lot #: A2604304

SKU #: **B106221**Version: **0**Analysis #: **630925**

Storage Temperature: Store at 2-8°C

| Parameter                                                                            | Limit Values             | Result                   |
|--------------------------------------------------------------------------------------|--------------------------|--------------------------|
| Purity(Titration by $\text{HClO}_4$ )                                                | 99-101 (%)               | 99.19000 %               |
| Water by Karl Fischer                                                                | 10-16 (%)                | 13.79900 %               |
| Appearance (B106221)                                                                 | White Powder or Crystals | White Powder or Crystals |
| Solubility in $\text{H}_2\text{O}$ , Colorless,Clear,100 mg/mL, $\text{H}_2\text{O}$ | pass                     | Pass                     |
| Infrared spectrum                                                                    | Conforms to Structure    | Conforms to Structure    |

John Su  
QA & QC Manager