

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-15 17:42:31

Date of Next Testing: 2028-11-14 17:42:31

Product Name: **Sodium butyrate**

CAS Number: 156-54-7

Specifications & Purity:  $\geq 98\%$

Lot #: K2406439

SKU #: **S102954**

Version: **0**

Analysis #: **366099**

Storage Temperature: Room temperature, Desiccated

| Parameter                                                                     | Limit Values          | Result                |
|-------------------------------------------------------------------------------|-----------------------|-----------------------|
| Loss on drying                                                                | 0-5 (%)               | 1.97880 %             |
| Sodium(Na)                                                                    | 19.8-22 (%)           | 19.82000 %            |
| Purity(Nonaqueous Titration)(calcd. on dried substance)                       | 97.5-102.5 (%)        | 100.82000 %           |
| Appearance (S102954)                                                          | White powder          | White powder          |
| Proton NMR spectrum                                                           | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy, 100 mg/ml | pass                  | Pass                  |



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QA & QC Manager