

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-17 09:17:37  
 Date of Next Testing: 2029-04-16 09:17:37  
 Product Name: **Sodium bicarbonate**  
 CAS Number: 144-55-8  
 Specifications & Purity: for cell culture, for insect cell culture,  $\geq 99.5\%$   
 Lot #: D2508104  
 SKU #: **S118660**  
 Version: **0**  
 Analysis #: **366367**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                            | Limit Values          | Result                |
|----------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl)                                             | 99.5-100.5 (%)        | 100.43000 %           |
| Appearance (S118660)                                                 | white powder          | White powder          |
| Infrared spectrum                                                    | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water | pass                  | Pass                  |
| Cell by Hemocytometry                                                | pass                  | Pass                  |
| Insect cell culture test                                             | pass                  | Pass                  |



John Su  
QA & QC Manager