

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-27 15:46:57

Date of Next Testing: 2026-07-26 15:46:57

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: pharmaceutical

Lot #: G2222814

SKU #: **S112339****Analysis: 071600**

| Parameter | Limit Values | Result |
|---------------------|--------------|----------|
| Purity (T) | 99-100 (%) | 99.92 % |
| Chloride (Cl-) | 0-0.015 (%) | 0.00 % |
| Loss on drying | 0-0.25 (%) | 0.12 % |
| (As)Arsenic | 0-2 (ppm) | 1.50 ppm |
| Sulfate(SO42-) | 0-0.015 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 2.90 ppm |
| Ammonia (NH3) | pass | Pass |
| Carbonate(CO3) | Pass | Pass |
| Identity | pass | Pass |
| Insoluble matter | pass | Pass |

John Su
QA & QC Manager