

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-27 17:11:06
Date of Next Testing: 2029-05-26 17:11:06
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: Chromatographic grade, ≥99.8%
Lot #: E2521591
SKU #: **S112337**
Version: **0**
Analysis #: **510349**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (T)	99.8-100.2 (%)	100.14 %
UV Absorbance 260nm	0-0.02	0.01
UV Absorbance 250nm	0-0.04	0.01
UV Absorbance 280nm	0-0.01	0.01
UV Absorbance 240nm	0-0.1	0.04
UV Absorbance 500nm	0-0.01	0.00
Appearance (S112337)	White powder	White powder
pKa	6.8	6.8
RP gradient test	pass test	pass test
Solubility in H ₂ O , Colorless transparent , 0.1 g/mL	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ,10% in H ₂ O	Pass	Pass



John Su
QA & QC Manager