

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2021-04-17 15:15:02
Date of Next Testing: 2025-04-16 15:15:02
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: HPLC grade, ≥99.8%
Lot #: D2113131
SKU #: **S112337**
Version: **0**
Analysis #: **007372**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (T)	99.8-100.2 (%)	100.17000 %
UV Absorbance 260nm	0-0.02	0.00500
Absorbance (at 250 nm)	0-0.04	0.00700
UV Absorbance 280nm	0-0.01	0.00300
UV Absorbance 240nm	0-0.1	0.02600
UV Absorbance 500nm	0-0.01	0.00000
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

