

## Certificate of Analysis

Date of Testing: 2023-08-16 13:50:12  
Date of Next Testing: 2027-08-15 13:50:12  
Product Name: **Sodium bicarbonate**  
CAS Number: 144-55-8  
Specifications & Purity: for cell culture, for insect cell culture, 99.5-100.5%  
Lot #: H2302126  
SKU #: **S118660**  
Analysis: **217942**

Parameter	Limit Values	Result
Purity(Titration by HCl)	99.5-100.5 (%)	99.86%
Appearance (S118660)	white powder	White powder
Cell by Hemocytometry	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass



John Su  
QA & QC Manager