

Certificate of Analysis

Date of Testing: 2025-03-22 16:46:16
Date of Next Testing: 2029-03-21 16:46:16
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: for cell culture, for insect cell culture, $\geq 99.5\%$
Lot #: C2519652
SKU #: **S118660**
Version: **0**
Analysis #: **487083**

Parameter	Limit Values	Result
Purity(Titration by HCl)	99.5-100.5 (%)	100.45 %
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 ₂ O , clear colorless , 100mg/ml in water	pass	Pass



John Su
QA & QC Manager