

## Certificate of Analysis

Date of Testing: 2023-02-14 18:32:57  
Date of Next Testing: 2027-02-13 18:32:57  
Product Name: **Nicotinamide**  
CAS Number: 98-92-0  
Specifications & Purity: for cell culture,for insect cell culture,≥99.5%(HPLC)  
Lot #: B2309199  
SKU #: **N108087**  
**Analysis: 106098**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-60.5 (%)	59.15 %
Melting point	129-132 (°C)	130.04000 °C
Nitrogen by Elemental Analysis	22.4-23.5 (%)	22.75 %
Purity(HPLC)	99.5-100 (%)	99.50100 %
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility,50 mg/mL, H2O	Colorless Clear	Colorless Clear
Appearance (N108087)	White powder or crystals	White Powder or Crystals



John Su  
QA & QC Manager