

## Certificate of Analysis

Date of Testing: 2024-12-10 09:04:55  
Date of Next Testing: 2028-12-09 09:04:55  
Product Name: **2-Pyrazinecarboxylic acid**  
CAS Number: 98-97-5  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2110193  
SKU #: **P106883**  
Version: **0**  
Analysis #: **445883**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	97.50 %
Purity(HPLC)	98-100 (%)	99.30000 %
Appearance (P106883)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H2O	almost transparency	almost transparency



John Su  
QA & QC Manager