

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-10 17:13:09  
Date of Next Testing: 2028-04-09 17:13:09  
Product Name: **2-Quinoxalinecarboxylic acid**  
CAS Number: 879-65-2  
Specifications & Purity: 97%  
Lot #: C2408388  
SKU #: **Q113505**  
Analysis: **323938**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	96.5-103.5 (%)	98.63%
Purity(HPLC)	97-100 (%)	99.38300%
Melting point	205-214 (°C)	213.74000 °C
Appearance (Q113505)	white to Gray to tan powder,crystals and/or chunks	white to Gray to tan powder,crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager