

Certificate of Analysis

Date of Testing: 2024-04-13 10:30:50

Date of Next Testing: 2028-04-12 10:30:50

Product Name: **2-Quinoxalinecarboxylic acid**

CAS Number: 879-65-2

Specifications & Purity: 97%

Lot #: C2408389

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