

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-04 14:23:37

Date of Next Testing: 2026-11-03 14:23:37

Product Name: **Squaric acid**

CAS Number: 2892-51-5

Specifications & Purity: $\geq 98\%$

Lot #: J2227506

SKU #: **S107639**

Version: **2**

Analysis #: **121651**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.21000 %
Melting point	293-297 (°C)	305.00000 °C
Purity(HPLC)	98-100 (%)	98.08700 %
Appearance (S107639)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow,Clear to Hazy,c=5%	pass	Pass



John Su
QA & QC Manager