

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-23 14:00:22

Date of Next Testing: 2029-08-22 14:00:22

Product Name: **Sinigrin Hydrate**

CAS Number: 3952-98-5

Specifications & Purity: Moligand™, ≥98%

Lot #: H2522650

SKU #: **S121209**

Version: **0**

Analysis #: **560248**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	2.9-3.8 (%)	3.22000 %
Potassium(K)	8.4-10.8 (%)	9.20000 %
Carbon(C)	28.3-31 (%)	28.69000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-20--15 (°)	-17.90000 °
Purity(HPLC)	98-100 (%)	100.00000 %
Water by Karl Fischer	2-7 (%)	3.12000 %
Appearance (S121209)	White to Faint Beige Powder or Crystals	White to Faint Beige Powder or Crystals
NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager