

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 10:17:37

Date of Next Testing: 2025-05-07 10:17:37

Product Name: (S)-5-(Bromomethyl)-2-pyrrolidinone

CAS Number: 72479-05-1

Specifications & Purity: ≥96%

Lot #: E2309449

SKU #: B102458

Version: 1

Analysis #: 188478

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	98.99200 %
Nitrogen by Elemental Analysis	7.5-8.2 (%)	7.85000 %
Carbon by Elemental Analysis	32.2-35.2 (%)	34.28000 %
Specific Rotation [α] ₂₀ /D(c=0.5 in EtOH)	-35--25 (°)	-34.92000 °
Melting point	75-79 (°C)	75.75000 °C
Appearance (B102458)	white to brown crystals or powder	white to brown crystals or powder
NMR Spectrum 1H	conforms to structure	Conforms to Structure



John Su
QA & QC Manager