

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-09 12:00:33
 Date of Next Testing: 2026-11-29 12:00:33
 Product Name: (S)-5-(Bromomethyl)-2-pyrrolidinone
 CAS Number: 72479-05-1
 Specifications & Purity: ≥96%
 Lot #: C2309099
 SKU #: B102458
 Version: 1
 Analysis #: 445299
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.5 in EtOH)	-35--25 (°)	-26.24800 °
Purity(GC)	96-100 (%)	97.02200 %
Melting point	75-79 (°C)	76.24800 °C
Nitrogen by Elemental Analysis	7.5-8.2 (%)	7.94700 %
Carbon by Elemental Analysis	32.2-35.2 (%)	33.49600 %
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