

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-23 13:42:06
Date of Next Testing:	2026-10-22 13:42:06
Product Name:	(S)-4-Isobutylpyrrolidin-2-one
CAS Number:	181289-23-6
Specifications & Purity:	97%
Lot #:	J2313204
SKU #	S587757
Analysis:	280059
Storage Temperature:	Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.35 %
Specific Rotation [α] ₂₀ /D(c=0.5 in CHCL ₃)	-3~-1 (°)	-1.01 °
Appearance(S587757)	Colourless to Off-White Oil to Low-Melting Solid	Colourless to Off-White Oil to Low-Melting Solid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager