

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-18 16:15:26

Date of Next Testing: 2027-03-17 16:15:26

Product Name: (R)-(+)-4-Hydroxy-2-pyrrolidinone

CAS Number: 22677-21-0

Specifications & Purity: ≥97%

Lot #: C2310114

SKU #: H119312

Version: 0

Analysis #: 173176

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	40-46 (°)	40.01000 °
Purity(GC)	97-100 (%)	97.01000 %
Appearance (H119312)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager