

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-18 15:28:11
 Date of Next Testing: 2027-03-17 15:28:11
 Product Name: **(R)-(+)-4-Hydroxy-2-pyrrolidinone**
 CAS Number: 22677-21-0
 Specifications & Purity: $\geq 97\%$
 Lot #: C2310115
 SKU #: **H119312**
 Version: **0**
 Analysis #: **173176**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in EtOH})}$	40-46 ($^{\circ}$)	40.01000 $^{\circ}$
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