

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-23 09:46:14

Date of Next Testing: 2029-10-22 09:46:14

Product Name: (S)-(+)-5-(Hydroxymethyl)-2-pyrrolidinone

CAS Number: 17342-08-4

Specifications & Purity: ≥98%

Lot #: C1810046

SKU #: H103186

Version: 0

Analysis #: 591040

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	30-32 (°)	30.28°
Melting point	82-87 (°C)	82.16000 °C
Purity(HPLC)	98-100 (%)	98.11600 %
Appearance (H103186)	white to light yellow solid	white to light yellow solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager