

Certificate of Analysis

Date of Testing: 2023-06-03 15:08:45

Date of Next Testing: 2027-06-02 15:08:45

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

CAS Number: 17342-08-4

Specifications & Purity: 98%

Lot #: E2326888

SKU #: H103186

Analysis: 208766

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	30-32 (°)	31.67°
Melting point	82-87 (°C)	85.39000 °C
Purity(HPLC)	98-100 (%)	99.96000 %
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