

Certificate of Analysis

Date of Testing: 2024-09-10 11:44:10

Date of Next Testing: 2028-09-09 11:44:10

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

CAS Number: 17342-08-4

Specifications & Purity: 98%

Lot #: A1306016

SKU #: H103186

Version: 0

Analysis #: 409382

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=5 in EtOH)	30-32 (°)	30.30°
Melting point	82-87 (°C)	82.20000 °C
Purity(HPLC)	98-100 (%)	98.10000 %
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