

Certificate of Analysis

Date of Testing: 2022-03-12 10:11:10
Date of Next Testing: 2025-03-11 10:11:10
Product Name: N-[(3S)-Tetrahydro-2-oxo-3-furanyl]heptanamide, C7-HSL
CAS Number: 177158-20-2
Specifications & Purity: 98%
Lot #: C2210628
SKU #: N348009
Version: 1
Analysis #: 072221
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.58100 %
specific rotation [α] ₂₀ /D(C=0.2 in MeOH)	-32 ~ -26 (°)	-30.77500 °
Appearance (N348009)	White to Off White Powder to Crystals	White to Off White Powder to Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager