

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-21 09:52:16

Date of Next Testing: 2028-11-20 09:52:16

Product Name: N-[(3S)-Tetrahydro-2-oxo-3-furanyl]heptanamide, C7-HSL

CAS Number: 177158-20-2

Specifications & Purity: ≥98%

Lot #: K2511074

SKU #: N348009

Version: 1

Analysis #: 611607

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
specific rotation $[\alpha]_{20/D}(C=0.2 \text{ in MeOH})$	-32--26 (°)	-28.31900 °
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