

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-01 15:37:37
 Date of Next Testing: 2027-12-01 15:37:37
 Product Name: **N-(Ketocaproyl)-L-homoserine Lactone**
 CAS Number: 143537-62-6
 Specifications & Purity: Moligand™, ≥98%
 Lot #: K2525642
 SKU #: **N137466**
 Version: **3**
 Analysis #: **604808**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	100.00000 %
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	5.5-7.5 (°)	7.45000 °
Appearance(N137466Color)	White to Light yellow	White to almost white
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (N137466Form)	Solid	Solid



John Su
QA & QC Manager