

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-19 10:48:09
 Date of Next Testing: 2029-12-18 10:48:09
 Product Name: **N-Z-L-Homoserine lactone**
 CAS Number: 35677-89-5
 Specifications & Purity: $\geq 98\%$
 Lot #: B2221191
 SKU #: **Z100972**
 Version: **1**
 Analysis #: **619509**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-34--30 (°)	-33.41800 °
Purity(HPLC)	98-100 (%)	98.90100 %
Melting point	127-132 (°C)	127.85800 °C
Appearance(Z100972)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager