

Certificate of Analysis

Date of Testing: 2023-12-13 14:54:21

Date of Next Testing: 2026-12-12 14:54:21

Product Name: **O-Acetyl-L-homoserine Hydrochloride**

CAS Number: 250736-84-6

Specifications & Purity: $\geq 95\%$

Lot #: L2311403

SKU #: **O351769**

Analysis: **300289**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	98.75 %
Specific Rotation $[\alpha]_{20/D}(c=0.6 \text{ in H}_2\text{O})$	13.5-17.5 (°)	15.85 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Mass spectrum	Conforms to standard	Conforms to standard
Appearance(O351769)	White to Light Brown Solid	White to Light Brown Solid



John Su
QA & QC Manager