

Certificate of Analysis

Date of Testing: 2025-08-15 09:24:08
 Date of Next Testing: 2029-08-14 09:24:08
 Product Name: **L-(-)- α -Amino- ϵ -caprolactam hydrochloride**
 CAS Number: 26081-07-2
 Specifications & Purity: $\geq 97\%$
 Lot #: H2513448
 SKU #: **L119038**
 Version: **0**
 Analysis #: **558863**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-29--25 (°)	-26.69°
Purity (Argentmetric Titration)	97-100 (%)	97.65 %
Appearance (L119038)	white to light brown powder or crystals	white to light brown powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager