



Certificate of Analysis

Product Name	Alpha-Lipoic Acid Choline Ester
Catalog No.	V10858
Batch No.	V1085802

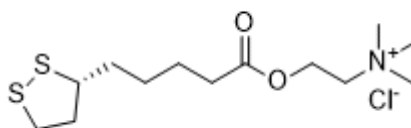
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₁₃ H ₂₆ ClNO ₂ S ₂
Molecular Weight	327.93
Purity	≥98%
CAS No.	1808266-58-1
Production Date	4/22/2022

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years
Pay attention	This product is easy to absorb moisture

Products are for research use only • Not for human or veterinary use