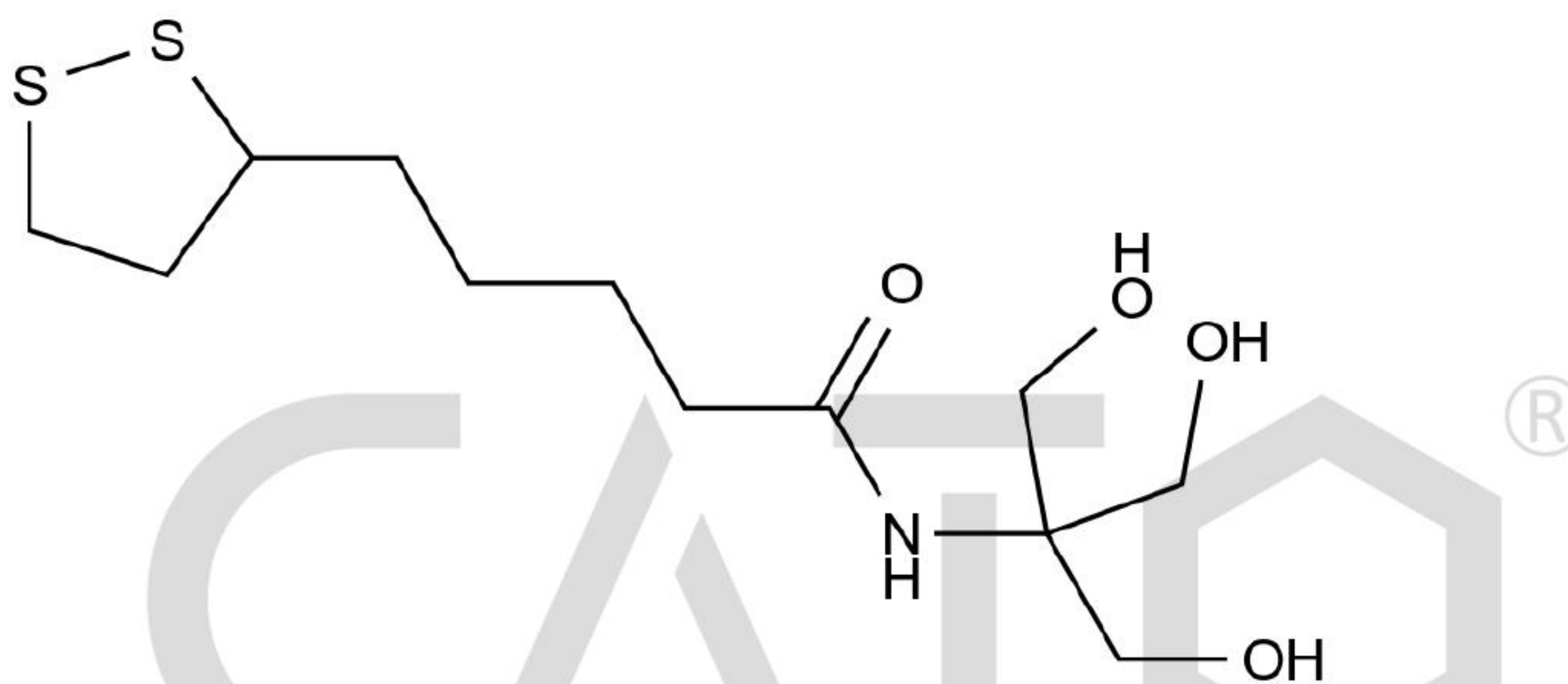


Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic Acid Impurity 12	Catalogue Number:	C4X-151812
Synonyms:	N/A	Lot Number:	1015-RF-0006
CAS Number:	916746-61-7	Expiry Date:	Oct 11, 2027
Molecular Formula:	C ₁₂ H ₂₃ NO ₄ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	309.45		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	98.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 16, 2024

Date: Oct 16, 2024

Date: Oct 16, 2024

