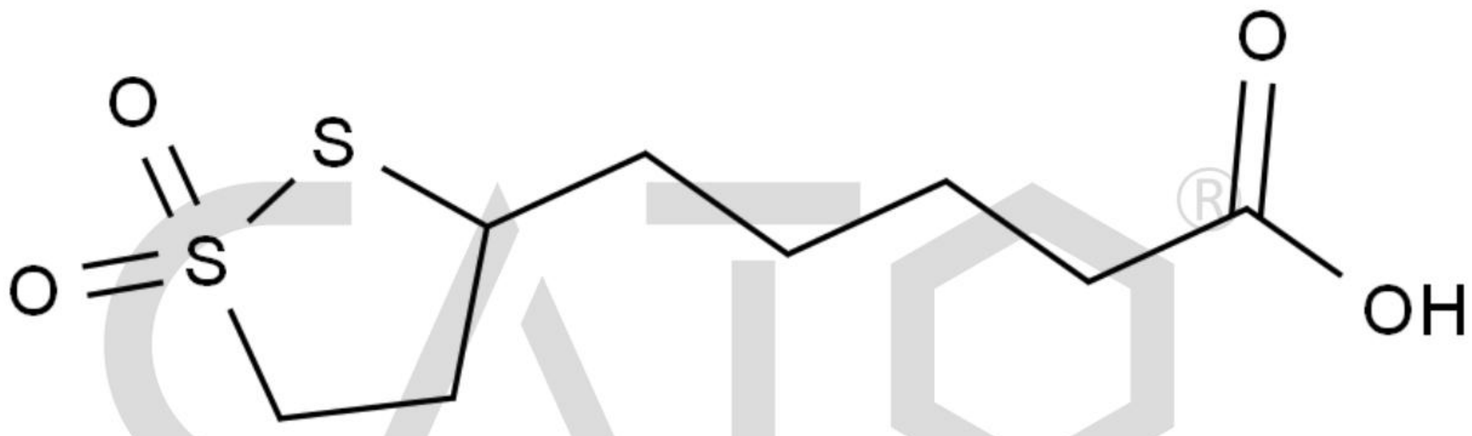
Certificate of Analysis

Reference Material & Standard

Product Name:	Lipoic acid impurity N1	**Catalogue Number:**	C4X-15181
Synonyms:	N/A	**Lot Number:**	1031-RG-0034
CAS Number:	17370-41-1	**Expiry Date:**	Oct 29, 2029
Molecular Formula:	$C_8H_{14}O_4S_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	238.32	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.1%
Loss on Drying	TGA	0.1078%
Assay	qNMR	94.7%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Nov 05, 2026

Reviewed by: Koi Date: Nov 05, 2026

Approved by General Manager: David Date: Nov 05, 2026

CATO Research Chemicals Inc.