Certificate of Analysis

Reference Material & Standard

Product Name:	Lipoic acid impurity 15	**Catalogue Number:**	C4X-151815
Synonyms:	N/A	**Lot Number:**	1031-RG-0036
CAS Number:	N/A	**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

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.7%
Assay	qNMR	97.8%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Oct 23, 2026

Reviewed by: Koi Date: Oct 23, 2026

Approved by General Manager: David Date: Oct 23, 2026

CATO Research Chemicals Inc.

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SYSTEM CERTIFICATION SGS

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