

Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic acid Impurity 36	Catalogue Number:	C4X-152636
Synonyms:	N/A	Lot Number:	0806-RF-0001
CAS Number:	2635383-46-7	Expiry Date:	Aug 01, 2027
Molecular Formula:	C10H18O2S3	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	266.44		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.8094%
Loss On Drying	TGA	0.532%
Assay		98.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 06, 2024

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