CATO Research Chemicals Inc.

Make the Tests More Accurate

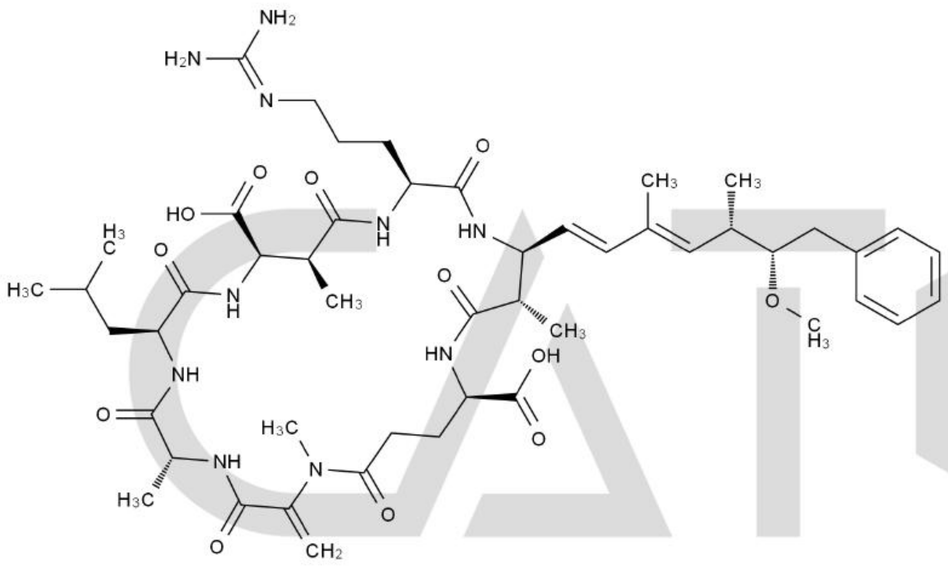
ISO 17034 : 2016 | ISO 9001 : 2015 | CATO-FM-59 Version No.: A/1 | **No.: 202610160120**

Certificate of Analysis

Reference Material & Standard

Product Name:	Microcystin-LR	**Catalogue Number:**	CCHM700862
Synonyms:	N/A	**Lot Number:**	1022-RH-0082
CAS Number:	101043-37-2	**Expiry Date:**	May 17, 2030
Molecular Formula:	$C_{49}H_{74}N_{10}O_{12}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	995.17	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS	Confirmed
Purity	HPLC	99.5%
Uncertainty		±0.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa — Date: Oct 22, 2026

Reviewed by: Hinlam — Date: Oct 23, 2026

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

CATO Research Chemicals Inc.

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175 Email: supports@cato-chem.com Web: https://www.cato-chem.com

ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832 | ISO 9001:2000 SYSTEM CERTIFICATION SGS | Official WeChat