

Certificate of Analysis

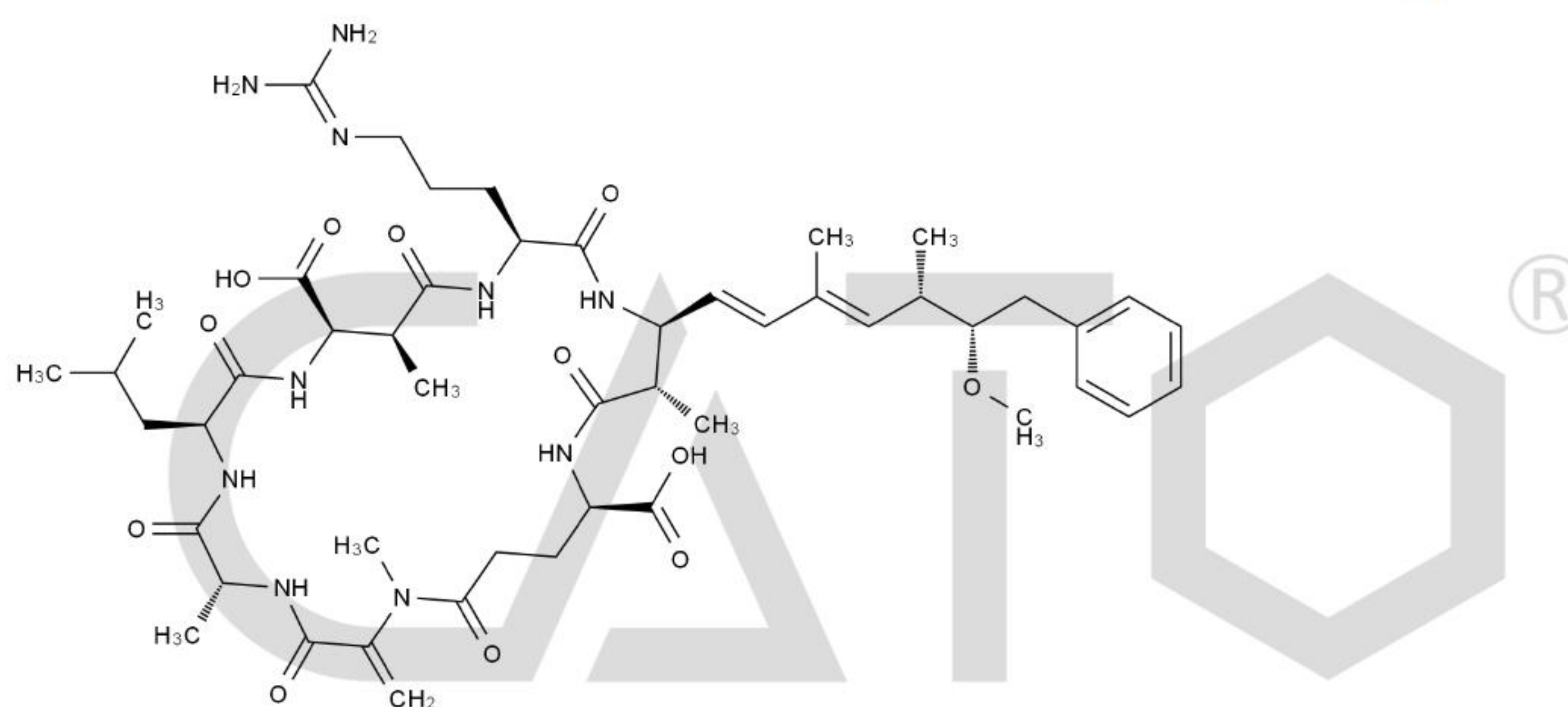
Reference Material & Standard

Product Name:	Microcystin-LR	Catalogue Number:	CCHM700862
Synonyms:	N/A	Lot Number:	0319-RH-0105
CAS Number:	101043-37-2	Expiry Date:	Sep 13, 2027
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	Pale Yellow to White Solid
Identification	LCMS	Confirmed
Purity	HPLC	99.4%
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

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 20, 2026

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