Microcystin LR-RR-YR Analytical Standard

Cat. No. MCLR-RR-YR-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cyclic heptapeptide toxins isolated from the freshwater cyanobacterium Microcystis aeruginosa. The mixed analytical standard is dissolved in 100% methanol and ready to use for calibration. It is distributed in amber glass vials containing around 5 µg of each microcystin in 1 mL MeOH. The concentration of the microcystins each lot is determined spectrophotometrically, confirmed by HPLC, and stated on the Certificate of Analysis.
Species	M.aeruginosa
Source	M. aeruginosa
Form	Solution
Molecular Formula	MC-LR: C49H74N10O12 MC-RR: C49H75N13O12 MC-YR: C52H72N10O13
Molecular Weight	MC-LR: 994.6 g/mol MC-RR: 1037.6 g/mol MC-YR: 1044.5 g/mol
Purity	>95 % (HPLC)
Long Term Storage	At - 20 centigrade.

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Shelf life	24 months
Stability	The analytical standard should be used immediately after the vial is opened.
Buffer	Solution of 5 µg/mL in methanol
Concentration	5 µg/mL
Shipping	Ambient
Note	For research use only!

GENE INFORMATION

Official Symbol	MCLR-RR-YR
Synonyms	MCLR-RR-YR; Microcystin LR-RR-YR

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