



ABRAXIS® Anatoxin-a / Cylindrospermopsin Standard Mix (EPA 545)

Product No. 520015

Introduction

In accordance with EPA Method 545, "Determination of Cylindrospermopsin and Anatoxin-a in Drinking Water by Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry (LC/ESI-MS/MS)"¹, laboratories monitoring drinking water sources for Cylindrospermopsin and Anatoxin-a are required to include both toxin standards in each analysis batch. The ABRAXIS® Anatoxin-a/Cylindrospermopsin Standard Mix (EPA 545) provides a mix of these two toxins for use in fulfilling the requirements of the method.

Storage

Store the mixed standard frozen at $\leq -20^{\circ}\text{C}$. The standards may be used until the expiration date on the box. Consult local, state, and federal regulations for proper disposal of all reagents.

Reagents Provided

5 x 1 mL vials of Anatoxin-a and Cylindrospermopsin mixed standard in 9% Methanol, HPLC-Grade / 0.01% Acetic Acid

Instructions for Use

The mixed standard is provided ready-to-use. Before diluting to desired calibration curve concentrations as per the method, consult the Certificate of Analysis (CoA) for each lot to review the LC-MS/MS-characterized concentrations in ppb of each toxin. **Toxin concentrations may vary; be sure to review the CoA for each lot prior to diluting!**

References

1) *Determination of Cylindrospermopsin and Anatoxin-a in Drinking Water by Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry (LC/ESI-MS/MS)*. U.S. Environmental Protection Agency 2015; Washington, DC. EPA 815-R-15-009

General Limited Warranty: Gold Standard Diagnostics warrants the products manufactured by the Company against defects and workmanship when used in accordance with the applicable instructions for a period not to extend beyond the product's printed expiration date. **Gold Standard Diagnostics makes no other warranty, expressed or implied. There is no warranty of merchantability or fitness for a particular purpose.**

For ordering or technical assistance contact:

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Version: 01



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