



ABRAXIS® Glyphosate Control Solution

Mid-Detection Range for use with the Glyphosate Strip Kit
Product No. 500102

Introduction

Test strip screening methods for Glyphosate are being employed in many laboratories for the analysis of water, soil, and various food matrices. The use of a control solution with each run allows for more accurate visual interpretation of test strip results by providing a reference for the line intensity appearance. The ABRAXIS® Glyphosate Control Solution for the ABRAXIS® Glyphosate Strip Kit provides a reference for mid-detection range Glyphosate contamination.

Reagents Provided

Mid-Detection Range Control Solution, 1.1 mL

Directions for Use

The ABRAXIS® Glyphosate Control Solution is for use with the ABRAXIS® Glyphosate Strip Test (5T - PN 500098 or 20T - PN 500095). The Glyphosate Control Solution is to be analyzed as a sample using the ABRAXIS® Glyphosate Strip Test, Sections E (Test Preparation) and F (Testing of Samples) in the ABRAXIS® Glyphosate Strip Test Kit user's guide. **No sample preparation or extraction is required.**

Storage

Store the ABRAXIS® Glyphosate Control Solution refrigerated at 2-8°C for up to 1 year.

Interpretation of Results

The ABRAXIS® Glyphosate Control Solution will provide a reference for the line intensity to expect at the Mid-Detection Range. Refer to Section G (Interpretation of Results) in the ABRAXIS® Glyphosate Strip Test Kit user's guide and the appropriate sample preparation technical bulletin for complete range criteria and test strip appearance. The below illustration is intended for the demonstration of test line to control line intensity for a mid-level sample. The overall intensity of test strips may vary slightly with different lots of reagents.



CONTROL LINE TEST LINE

Mid-Detection Ranges for water and various food matrices (when prepared/extracted as required), which will correspond to the appearance of the Mid-Detection Range Control Solution, are as follows:

Water ~ 2 ppb	Honey ~ 200 ppb
Dried Pasta ~ 40 ppb	Granulated Sugar ~ 40 ppb
Cereal, Oats, and Wheat ~ 40 ppb	Corn and Soybeans ~ 40 ppb

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