

# Glyphosate Control Solution

Mid-Detection Range  
for use with the Glyphosate Strip Kit

## 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 Glyphosate Control Solution for the Glyphosate Strip Kit provides a reference for mid-detection range Glyphosate contamination.

## Reagents Provided

1 vial of Mid-Detection Range Control Solution, 1.1 mL

## Directions for Use

The Glyphosate Control Solution is for use with the Glyphosate Strip Test (5T - PN 500098 or 20T - PN 500095).

The Glyphosate Control Solution is to be analyzed as a sample using the Glyphosate Strip Test, Sections E (Test Preparation) and F (Testing of Samples) in the Glyphosate Strip Test Kit user's guide.

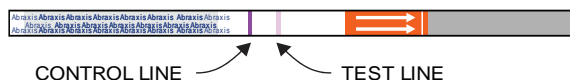
No sample preparation or extraction is required. Using a sample preparation/extraction procedure with the Mid-Range Control Solution will produce inaccurate results with the test strip (i.e. the appearance of the test strip will not accurately reflect the appearance of a mid-detection range contaminated sample).

## Storage

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

## Interpretation of Results

The 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 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.



Mid-Detection Ranges for water, soil, 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 ~ 10 ppb	Honey ~ 200 ppb
Beer ~ 40 ppb	Dried Pasta ~ 200 ppb
Hay ~ 100 ppb	Soil ~ 250 ppb
Granulated Sugar ~ 100 ppb	
Cereal, Oats, and Wheat ~ 200 ppb	
Corn and Soybeans ~ 200 ppb	

## Ordering Information

PN 500102

R082119

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