

# PRODUCT PROFILE



## MONITOR™ for RESIDUAL GLUCOSE

Product Code 5188

### WHAT does this product do?

Serim® Monitor™ for Residual Glucose detects the presence of glucose (dextrose) in the final discharge water after washing tanker/trailers transporting liquid sweeteners.

### WHY should I use this product?

The Serim Monitor for Residual Glucose will help achieve compliance with applicable regulatory standards [e.g., Good Manufacturing Practices (GMP), customer requirements and industry standards].

### WHERE do I use this product?

On a predetermined schedule, test the final discharge water draining from the trailer with a glucose test strip. If the test result is positive, review the wash procedures and take the appropriate corrective action.<sup>1</sup>

After washing with hot water, hoses and other removable components should be tested for the presence of glucose.

### HOW to use this product?

Serim Monitor strips are supplied in ready-to-use form. When placed in contact with the sample according to the directions for use (see below), the indicator pad changes color relative to the presence of residual glucose.

### Ordering Information

Serim Monitor for Residual Glucose  
• Product Code 5188  
1 bottle of 100 strips



### Results: Presence of Glucose



Negative      Positive      Positive

Diagrams are for illustration purposes only.  
Always use the color blocks on the actual bottle label to interpret results.

Test Method	Immersion
Test Strip Technique	Start timer and immerse indicator pad in the rinse solution. Remove <b>immediately</b> .
Results	Between 30 and 60 seconds after immersion, compare the color of the indicator pad to color chart on the bottle label.

Store bottles of Serim MONITOR Test Strips at temperatures between 15° – 30°C (59° – 86°F).  
The lot number and expiration date are printed on the bottom of each bottle.

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## Related Products

5155 Monitor for Chlorine 0-10 ppm  
5148 Monitor for Chlorine 0-300 ppm<sup>2</sup>  
5161 Monitor for Chlorine 100-750 ppm  
5162 Monitor for pH 0-14<sup>3</sup>

## SERIM MONITOR for RESIDUAL GLUCOSE

Features	Benefits
Designed for use in the commercial tank cleaning industry	<ul style="list-style-type: none"><li>• Assist wash rack facilities in meeting cleaning guidelines</li></ul>
Ready-to-use strips, simple procedure	<ul style="list-style-type: none"><li>• No calculations or “drop counting” needed</li><li>• No preparation or mixing of reagents</li></ul>
Quick, qualitative results in 30 to 60 seconds.	<ul style="list-style-type: none"><li>• Simple, quick and reliable method</li></ul>
Simple to interpret color blocks	<ul style="list-style-type: none"><li>• Accurate and consistent results minimize variation between readers</li><li>• Color of indicator pad is directly compared to color blocks on bottle label</li></ul>
Consistent color reactions	<ul style="list-style-type: none"><li>• Results not affected by aging during the shelf life of the product</li></ul>
Each bottle clearly labeled with: <ul style="list-style-type: none"><li>• Lot number</li><li>• Expiration date</li></ul>	<ul style="list-style-type: none"><li>• Traceability of product from manufacturing to final user</li><li>• Leaves no doubt as to the age or integrity of the product</li></ul>

### References:

1. CRA Sweetener Terminal and Wash Guidelines, July 2012. Corn Refiners Association, Washington, DC 20006.
2. Model Tanker Wash Guidelines for the Fruit Juice Industry, April 2013. Juice Products Association, Washington, DC 20005.
3. Guidance on Bulk Transport of Juice Concentrates and Certain Shelf Stable Juices. U.S. Department of Health and Human Services, Food and Drug Administration, Center for Food Safety and Applied Nutrition, April 24, 2003.

 **Serim** MONITOR™

### Serim Research Corporation

3506 Reedy Dr., Elkhart, IN 46514

Phone: (800) 542-4670 ■ (574)264-3440 ■ FAX (574)266-6222

E-mail: [customerservice@serim.com](mailto:customerservice@serim.com) ■ Website: [www.serim.com](http://www.serim.com)

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