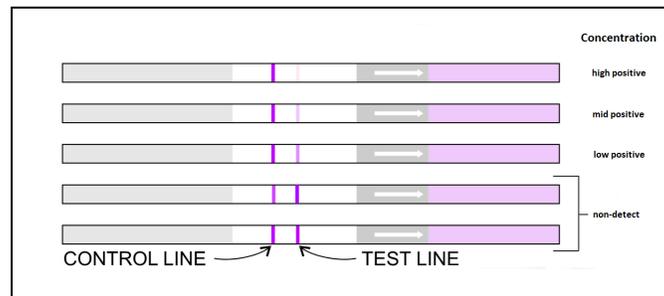


## ABRAXIS® Patulin Strip Test Matrix Sample Interpretation Guide PN 500130 (5T) and 5000135 (20T)

Sample concentration is determined by comparison of the intensity of the test line to the intensity of the control line on the same test strip. Although control line intensity may vary, a visible control line must be present for results to be considered valid. Results should be determined within 10 minutes after completion of the strip test procedure. Determination made using strips that have dried for more or less than the required time may be inaccurate, as line intensities may vary with drying time. Test strips with a test line that is darker than, or of equal intensity to the control line indicate a result that is below the limit of detection of the test. A test strip with a test line that is lighter than the control line indicates a low to moderate concentration result. Test strips with a very faint test line or no test line visible indicate a high concentration result. Please note that the illustration is intended for the demonstration of test line to control line intensity only. Results should not be determined by comparing the intensity of test lines from test strips to the test line intensity of the illustration, as the overall intensity of test strips may vary slightly with different lots of reagents.



The chart below shows the approximate concentration values corresponding to the above illustration of results for the different sample matrices.

Sample Matrix Type	Visual or Test Strip Reader Result			
	Non-detect	Low Positive	Mid Positive	High Positive
Apple Juice	<8 ppb	~8 ppb	<30 ppb	>40 ppb
Pear Juice	<8 ppb	~8 ppb	<30 ppb	>40 ppb
Apple Cider	<15 ppb	~15 ppb	<30 ppb	>40 ppb
Applesauce	<4 ppb	~4 ppb	<15 ppb	>25 ppb
Pear puree	<5 ppb	~5 ppb	<15 ppb	>25 ppb

**Considerations for detecting patulin near the regulatory action level of 50 ppb in apple juice:** Results in the mid-positive range indicate patulin concentrations at or below 30 ppb. Samples yielding high-positive results should be confirmed using quantitative analytical methods such as ELISA or instrumental techniques.

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