



GLUTEN FREE WATCHDOG

Gluten Free Watchdog's Position Statement on the Nima Sensor

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Bottom line:

Due to the lack of a published validation report, it is very difficult to put the results of testing completed to date into proper context. Given that this device is already in the marketplace, Gluten Free Watchdog had hoped to provide recommendations for consumer use of the Nima Sensor. This is proving to be impossible. In the opinion of Gluten Free Watchdog this device was released to the market prematurely. Given the sensor's apparent current state of development, Gluten Free Watchdog cannot support its use by the gluten-free community at this time.

Results from testing done to date:

Note: The table below includes only those products tested by Gluten Free Watchdog. It does not include products tested by Bia Diagnostics. Please see previous Nima test reports for additional results.

The data speaks for itself. A few take-away points:

1. Five products testing low gluten with the Nima tested below the limit of detection of 1 part per million when tested with the R5 ELISA.
2. Barley grain and barley flour tested low gluten.
3. Recalled gluten-free Cheerios, regular Quaker Oats, and gluten-free rice crackers placed on top of wheat-based bread crumbs all tested smile.
4. Diluting mustard containing wheat flour with water (as recommended by the Nima website for brightly/intensely colored foods) changed the test result from high gluten to low gluten.

Product	Nima Reading		
	Smile	Low Gluten	High Gluten

Gluten-Free Snack Bars Testing Low Gluten*

Gluten-Free Snack Bar		X		
Snack Bar (Labeled “does not contain gluten or wheat ingredients”)		X		
Gluten-Free Snack Bar		X		
Certified (GFCO) Gluten-Free Snack Bar		X		
Gluten-Free Snack Bar		X		

*All but one of these bars tested **below** the limit of detection when tested with the R5 ELISA. The limit of detection for the sandwich R5 ELISA Mendez Method is 1 part per million of gluten.

Other Gluten-Free Products Testing Low Gluten

Certified (GFCO) Gluten-Free Almond Honey Butter*		X		
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*Tested below the limit of detection when tested with the R5 ELISA

Gluten-Free Snack Bars Testing Smile

Certified (NFC) Gluten-Free Bar	X			
Gluten-Free Bar	X			
Certified (GFCO) Gluten-Free Bar	X			
Certified (GFCO) Gluten-Free Bar	X			
Certified (GFCO) Gluten-Free Bar	X			

Products Containing Gluten as an Ingredient Testing Low Gluten

Barley Grain		X		
Barley Grain		X		
Barley Flour		X		
Mustard Diluted (Contains wheat flour)		X		

Product	Nima Reading			
	Smile	Low Gluten	High Gluten	Error
Products Containing Gluten as an Ingredient Testing High Gluten				
Wheat Bread			X	
Wheat Flour			X	
Rye Flour			X	
Mustard Undiluted (Contains wheat flour)			X	
Products Likely Cross Contaminated with Gluten Testing Smile				
Recalled Gluten-Free Cheerios	X			
Regular Quaker Oats	X			
Gluten-Free Rice Crackers (Placed on top of wheat-based bread crumbs before testing)	X			
Additional Products either Labeled Gluten-Free or Free of Gluten-Containing Ingredients Testing Smile				
Olive Oil	X			
Salt	X			
Banana (Heated)	X			
Yellow Mustard	X			
Worcestershire Sauce	X			
Probiotic	X			
Candy	X			
Corn Cakes	X			
Cashew Butter	X			
Honey	X			

Product	Nima Reading			
	Smile	Low Gluten	High Gluten	Error
Coconut Flour	X			
Hazelnut Spread	X			
Seasoned Rice Crackers	X			
Soy Milk	X			
Potato Chips	X			
Raw Chicken	X			
Cricket Flour	X			
Cookies	X			
Cookies	X			
Peanut Butter	X			
Peanut Butter/Palm Oil Spread (Mixed together)	X			
Chocolate Covered Pretzels	X			
Capsule Error				
Jellybeans				X
Jellybeans				X
Recalled Gluten-Free Cheerios				X
Banana (Heated)				X

A few capsules also became stuck and could neither be closed nor reopened

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