



Food Allergen Residue Analytical Report 665743

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The testing of the sample received Monday, December 22, 2025, has been completed (see below).

<u>Sample Identification</u>	<u>Gluten-Gliadin</u>	<u>Gluten-FAST Gliadin</u>
██████████ C-25-NAOT-O-OT-01	BLQ*	BLQ

BLQ\* Below the lower limit of quantitation. Amounts below the lower limit of quantitation (LOQ), as listed below, cannot be reliably detected. One part per million (ppm) is equivalent to 1 milligram per kilogram of sample product.

<u>Test Method Description</u>	<u>Lower Limit of Quantitation</u>
R-Biopharm RIDASCREEN® Gliadin (SOP-BG5-419)	5.0 ppm gluten (wheat/rye/barley)
R-Biopharm RIDASCREEN® FAST Gliadin (SOP-BG10-420)	10.0 ppm gluten (wheat/rye/barley)

**Cross-Reactivity/Matrix Interference:** Information regarding cross-reactivity and/or matrix interference specific to the test method(s) listed above, can be found at <https://farrp.unl.edu/commercial-test-methods-specifications>.

If gluten had been detected at the lower limit of quantitation of 5 ppm gluten, the FARRP Analytical Laboratory estimated measurement of uncertainty for the sample(s) listed above tested with the R-Biopharm Ridascreen® Gliadin test method would have been 2 ppm. This uncertainty represents an expanded uncertainty, which is expanded beyond standard deviation/variation to achieve an approximated 95% confidence level (using a coverage factor of  $k=2$ ), that if this sample was tested again, the test result would fall within this range.

If gluten had been detected at the lower limit of quantitation of 10 ppm gluten, the FARRP Laboratory estimated measurement of uncertainty for the sample(s) listed above, would have been 3 ppm, using the R-Biopharm Ridascreen® FAST Gliadin test method. This uncertainty represents an expanded uncertainty, which is expanded beyond standard deviation/variation to achieve an approximated 95% confidence level (using a coverage factor of  $k=2$ ), that if this sample was tested again, the test result would fall within this range.

**IMPORTANT NOTE:** If the possible source of allergen contamination in your samples is from fermentation, or consists of fermented or hydrolyzed materials, current test methods cannot measure allergen levels appropriately in these cases. This can result in a severe underestimate of the allergen content of your samples. In these special cases, a BLQ reading may be indicated but there still could be enough allergenic residues left over to be capable of causing an allergic reaction. If your sample is of this type, please contact the FARRP laboratory at 402-472-4484 for further assistance.