

TEST REPORT –GLUTEN ELISA TESTING

Client details Nutritech
 63 Pickering Street
 Newton Park
 Port Elizabeth 045
 For Attention Hannes Deacon

Date of Report: 26/02/2016
 Date of Sample Receipt: 18/02/2016
 Date of Analysis: 25/02/2016
 Customer Order No: Robyn

Analysis ID.: 6316
 Invoice No: 160226/1065
 No. of pages 1
 Enquiries: Jana du Plessis

Sample details

Client sample identification: Premium Whey ProteinBC- WC15W2B1 BB- 15.02.18 MFD- 15.02.16 Sample ID No 5233
 Sample conditions: Dry, Shelf-stable
 No. of samples submitted: 1 x 1kg Known sample deviations: None
 Sample drawn by: Client

Analysis details

Test description: Quantitative Gluten Testing (ELISA) Method identification: SOP-TM-001 (reference available on request)
 Additional method information: R5 Mendez, AOAC-OMA (2012.01), certified at AOAC-RI (12061), Codex Method (Type I) Deviations from standard method: None
 Method cross-reactivity: The ELISA specifically detects gluten prolamins in wheat, barley and rye. No cross reaction with soy, oats, maize, rice, millet, teff, buckwheat, quinoa and amaranth. Known factors influencing test results: None

Regulatory Aspects

According to the South African Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972) - Regulations Relating to the Labelling and Advertising of Foodstuffs, No. R. 146 (1 March 2010):

- 'Gluten must be declared on food product labels when present in the product, its ingredients or in its packaging material.
- The claim 'gluten-free' is not permitted for a food that: contains an ingredients that is or has been derived from any species of the significant cereals; and/or contains equal or more than 20 mg/kg gluten in the end product, when the level is determined by the R5 Mendez Enzyme-Linked Immunosorbent Assay (ELISA) for gluten, or other Codex-recommended methods.

TEST RESULTS

Method:	Method ID:	Method range of quantification:	MoU:	Your sample results (tested in duplicate)				Regulatory limits:
				Lab ref.	Gluten ^:	Unit	Interpretation:	
ELISA	SOP-TM-001	5.0 – 80.0 mg/kg (ppm) gluten	10 ppm	5233	<5.0	mg/kg (ppm)	<LLOQ	^
				5233	<5.0	mg/kg (ppm)	<LLOQ	

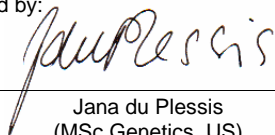
Comments: Results are below the lower limit of quantification of the ELISA. Such results indicate that there may be zero or a very low level of gluten in the sample, too low to be accurately quantified with the ELISA.

<LLOQ = Below lower level of quantification of the method
 WROQ = Within range of reliable quantification of the method
 >ULOQ = Above the upper limit of quantification of the method

MoU = Measurement of Uncertainty
 Method is SANAS accredited

^ There are currently no specified allowable levels set for gluten in South Africa. Stipulations for 'gluten-free' claims are indicated in R.146/2010 and summarised above.

Approved by:

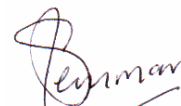


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alternatively



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Please note that:

1. Test results relate only to the sample tested
2. The integrity of the reported result is valid only from the time of sample receipt by FACTS.
3. This report is issued by FACTS under its General Terms and Conditions of Service, available online at www.factssa.com/TermsConditions.htm
4. This report is further issued under the Service Agreement as signed by the parties thereof, and the Acceptance Note as completed and confirmed by the parties thereof.
5. Due to the deterioration of the samples, perishable samples are not stored for future enquiries, whereas non-perishables will be stored for a period of 30 days after testing has been conducted.
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7. All opinions and interpretations expressed herein are based on test method literature, relevant legislation, sound guidance documents and/or technical knowledge and experience.

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