

TEST REPORT –GLUTEN TESTING

Client details: Gluten Free Goodness
24 Quarry Road
Assagay eThekweni
3610
For Attention: Lee-Ann Freemantle

Date of Report: 2021/07/05
Date of Sample Receipt: 2021/06/30
Date of Analysis: 2021/07/05

Analysis ID.: 31858
No. of pages:1
Enquiries: Jana Coetzee

Sample details

Client sample identification: Ancient Grain Bread Sample ID No.: 25443
Sample conditions: Bread, Cold Storage Issue: 1
No. of samples submitted: 1x Loaf Known sample deviations: None
Sample drawn by: Client

Analysis details

Test description: LC-MS/MS Method identification: P5.4_17
Additional method information: Protein detection and quantification by LC-MS/MS. Validated for specificity and sensitivity in various matrices. Deviations from standard method: None
Method cross-reactivity: No cross-reactivity reported. 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:	LOD* Quantification range:	MoU:	Your sample results				Result type:
				Lab ref.	Gluten ^:	Unit	Interpretation:	
LC-MS/MS	P5.4_17	1.0 ppm*	n/a	25443	Not detected	n/a	<LOD	Qual
LC-MS/MS	P5.4_17	1.0 - 1000 ppm		25443		mg/kg (ppm)		Quant

Comments: Gluten not detected.

<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 not 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.

LOD: Limit of Detection

Approved by:

Report Approved By:
Cheryl Clarke
(MSc Biochemistry, US)

Analysis Completed By:
Hestie Tredoux
(MSc Biochemistry, US)

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