

Physical Address: FACTS Office, 18 Uplands Rd, Milnerton, 7441 Postal Address: P.O. Box 565, Milnerton, 7435, South Africa Tel: +27 21 551-2993; Fax: +27 21 551-2807; Email: info@factssa.com Company Registration Number: CK 2003/064402/23 Vat Number: 4710211709

Food & /	Allergy	Consulting	& Testing Services		ORT -GLU	ſFN	FI ISA TE	STING					
Client de			Date Date Date	Date of Report: Date of Sample Receipt: Date of Analysis: Customer Order No:		11/12/2015		Analysis ID.: Invoice No: No. of pages Enquiries:	15121 1	1/919 Iu Plessis			
T OF Alle	intion		Shire		Sample	detai	ils						
Client sample identification: Sample conditions: No. of samples submitted:			Arid Light (Boston Brewery) Wet, Shelf-stable 4 x 440ml			Sample ID No 4972 Known sample deviations: Microbial growth					No 4972		
Sample dra	awn by	/:	Client										
					Analysis								
Test descrip Additional m Method cros	nethod		Quantitative Gluten Testing (ELISA) R5 Mendez, AOAC-OMA (2012.01), certified at AOAC-RI (12061), Codex Method (Type I) 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.				Method identification: SOP-TM-001 (reference available on request) Deviations from standard method: None Known factors influencing test results: None						
							~ 						
					Regulatory	Asp	ects						
•The claim	• Guter	iluten must n-free' is no	frican Foodstuffs, Cosr Ad be declared on food pr t permitted for a food t or more than 20 mg/kg Immunosorbent A	vertising o oduct lab hat: conta g gluten in	of Foodstuffs, No els when presen nins an ingredien n the end product	. R. 1 t in th ts tha , whe	46 (1 March 2 e product, its i t is or has bee n the level is c	010): ngredients or ir n derived from letermined by t	n its packaging any species o he R5 Mendez	) mater f the si	ial. gnificant cereals;		
					TEST RE								
Method:								sample results (tested in duplicate) Regulatory limits:					
			quantification:	ŀ	Lab ref.		Gluten ^:	Unit	Interpretat	ion:			
ELISA	SOP-	TM-001 (#)	5.0 – 80.0 mg/kg (ppm) gluten	10 ppm	4972 4972		<5.0 <5.0	mg/kg (ppm) mg/kg (ppm)	<lloq <lloq< td=""><td></td><td>~</td></lloq<></lloq 		~		
Commen	nts:	Results ar	e below the lower limit	of quantif	-	ISA. S					ery low level of		
WROQ = >ULOQ = MoU = Mo ^^ There a South Afr	Within Above easure are cur	lower level range of re the upper ment of Un	ecified allowable level r 'gluten-free' claims a	method the methor f the methors s set for g	(#) od nod Jluten in			n site at FACTS	Stellenbosch	Woodi	nill Laboratory		
Approved b	J J (MS	ana du Ples	sis , US)							Harris S CT), D	Steinman .Ch. (SA), D. Av.		
Tec Please note		wanager ar	nd Signatory							Med	)		
	egrity o	f the reporte	the sample tested ed result is valid only fr	om the tir	me of sample		stored for futu		hereas non-pe	rishabl	e samples are not es will be stored for ed.		
of Servi	This report is issued by FACTS under its General Terms and Conditions of Service, available online at www.factssa.com/TermsConditions.htm							<ol> <li>This report may not be reproduced, except in full. When only certain pages or sections of the full report are reproduced, written permission</li> </ol>					
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- End of Report -



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Food & Al	lergy Consulting	& Testing Services TES		ORT -GLU	ΓEN	ELISA TE	STING					
Client der	48 Carlisle Paarden Is Cape Tow	eweries street sland n	Dat Dat Dat	Date of Report: Date of Sample Receipt: Date of Analysis: Customer Order No:		18/12/2015		Analysis ID.: Invoice No: No. of pages Enquiries:	15121 1	1/919 lu Plessis		
				Sample	deta	ils						
Sample cor	ditions: bles submitted:	Arid Light (Boston Brewery) Wet, Shelf-stable 4 x 440ml Client			Sample ID No 4972 Known sample deviations: Microbial growth							
	wii by.			Analysis	deta	ile						
est descript dditional me	ethod information	Quantitative Gluten Testing (ELISA) The method is used for the analysis of fermented and hydrolysed food which are decalred as gluten-free. 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.			S details         Method identification:       SOP-TM-101 (reference available on request)         Deviations from standard method:       None         Known factors influencing test results:       None							
				Regulatory	Asp	ects						
	gluten-free' is no	be declared on food pr t permitted for a food tl or more than 20 mg/kg Immunosorbent A	oduct lab hat: conta g gluten ir	ins an ingredient the end product	in th s tha , whe	le product, its in t is or has bee in the level is d	ngredients or ir n derived from letermined by t	any species o he R5 Mendez	f the si	gnificant cereals;		
				TEST RE	SUL	тѕ						
Method:	Method ID:	Method range of	MoU:							Regulatory limits:		
ELISA	COD TM 404 (#)	quantification:		Lab ref. H 4972	ydrol	ysed Gluten ^: <10.0	Unit mg/kg (ppm)	Interpretat <lloq< td=""><td></td><td>M</td></lloq<>		M		
ELISA	SOP-TM-101 (#)	10.0 – 270.0 mg/kg (ppm) gluten		4972		<10.0	mg/kg (ppm)	<lloq <lloq< td=""><td></td><td></td></lloq<></lloq 				
WROQ = V >ULOQ = A MoU = Me ^ There a South Africe	gluten in til Below lower level Within range of re Above the upper asurement of Un re currently no sp	pecified allowable levels or 'gluten-free' claims a	e accurat method the metho f the methons s set for g	ely quantified wit (#) od nod luten in	h the	ELISA.	dicate that ther					
Approved by	Jana du Ples	sis							Harris S	1 am Steinman		
Tech Please note	(MSc Genetics nical Manager ar that:							(IVIB.CN.B. (U	Med	.Ch. (SA), D. Av. )		
. The integ receipt b	grity of the report y FACTS.	the sample tested ed result is valid only fr				stored for futur a period of 30	re enquiries, wh days after testi	hereas non-pe ing has been c	rishable onduct			
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the partie		e Acceptance Note as		<ol> <li>All opinions and interpretations expressed herein are based on test method literature, relevant legislation, sound guidance documents and/or technical knowledge and experience.</li> </ol>								

- End of Report -