

CERTIFICATE OF ANALYSIS



COA N° : 179174-0
 COA date : 11/05/2016
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Customer : ZA_ULTIM_1
 Project N° : ZA_ULTIM_1_MID_16_00003

Analyzed by Swift Silliker (Pty) Ltd t/a Mérieux NutriScience (except where noted)
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SAMPLE DESCRIPTION

Label ID : 185383 Sample No : 431746
 Commercial name : USN 100% PREMIUM WHEY PRECISION COMPLETE CHOCOLATE FLAVOUR
 Production date : 20/02/2016 Lot Id : Batch No: G9354
 Lot Size / Net Weight : 908g Expiration Date : 20/02/2018
 Sampling Type : Collected/delivered to the Lab: customer Arrival Date : 19/04/2016 17:00
 Sample Condition : good, without objections Arrival Temperature [°C] : 20

ANALYTICAL RESULTS

CHEMISTRY RESULTS

Tests	Results [±Uncertainty]	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> Sugars METHOD: SWM.CHEM.008 24/04/2016				
Fructose	< 0.50	g/100g	-	0.50
Glucose	2.62	g/100g	-	0.50
Sucrose	0.62	g/100g	-	0.50
Maltose	< 0.50	g/100g	-	0.50
Lactose	1.35	g/100g	-	0.50
Sugars sum	4.59	g/100g	-	0.50
<input checked="" type="checkbox"/> Total fat METHOD: SWM.CHEM.014 25/04/2016	3.33	g/100g	-	0.10
<input checked="" type="checkbox"/> Starch METHOD: SWM.CHEM.007 25/04/2016	1.27	g/100g	-	0.50
<input checked="" type="checkbox"/> Glyceamic Carbohydrates Calculation SWP.CHEM.030	5.86	g/100g	-	-
<input checked="" type="checkbox"/> Protein METHOD: SWM.CHEM.003 03/05/2016				
Total Nitrogen	11.320	%	-	-
Protein factor	6.38	-	-	-
Protein	72.22	g/100g	-	0.25
<input checked="" type="checkbox"/> Energy Calculation SWP.CHEM.030	1530.97	kJ/100g	-	-
<input checked="" type="checkbox"/> Fatty acids Profile METHOD: SWM.CHEM.011 06/05/2016				
Saturated fatty acids	1.79	g/100g	-	-
Monounsaturated fatty acids	0.77	g/100g	-	0.10
Polyunsaturated fatty acids	0.76	g/100g	-	0.10
Trans fatty acids	< 0.1	g/100g	-	0.10
Omega 3 fatty acids	< 0.1	g/100g	-	-
Omega 6 fatty acids	0.68	g/100g	-	-

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CHEMISTRY RESULTS

Tests	Results [±Uncertainty]	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> Total Dietary Fiber (TDF) METHOD: SWM.CHEM.009 (AOAC 991.43) 11/05/2016	10.05	g/100g	-	0.50
<input checked="" type="checkbox"/> Sodium (Na) METHOD: SWM.CHEM.005 02/05/2016	705.88	mg/100g	-	5.00

Results validated on 11/05/2016

Michael Ndlovu
Senior Analyst

Accredited analysis Retested analysis Subcontracted analysis **NC** Non Conformance

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 Tests marked with a plane in this report are Subcontracted Tests and are not included in the SANAS Schedule of Accreditation for this laboratory T0350.
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