

Customer:

ROSEHIP FARM
700 CYPRESS ROAD

1724 RUIMSIG SOUTH AFRICA

Attn: WYNAND

Job Number: MT17-04042

Received: 18/04/2017

Started: 03/05/2017

Completed: 18/08/2017

Reported: 20/10/2017

Quote: PR17-01194

Sample Details:

Condition of Sample: Room temperature. No Deviation from Standard

Description: Rosehip Products

Lab Reference: 17040686-03

Signed quote received: 25 April 2017

MT17-04042.001

Sample Type: Organic Rosehip Shell - Powder

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Lab ident: MT17-04042.001
Sample type: Rosehip
Sample Ident: Organic Rosehip Shell - Powder

Method	Analysis	Unit	Result
WI-AN-001 based on AOAC 2001.11 (Kjeltec)	Protein (N X 6.25)	g/100g	4.11
WI-AN-005	Fat	g/100g	1.22
WI-AN-011 based on AOCS Ce 2-66 (GC)	Of which Saturated Fat	g/100g	0.3
WI-AN-011 based on AOCS Ce 2-66 (GC)	Of which Monounsaturated Fat	g/100g	0.2
WI-AN-011 based on AOCS Ce 2-66 (GC)	Of which Polyunsaturated Fat	g/100g	0.7
WI-AN-011 based on AOCS Ce 2-66 (GC)	Of which Trans Fat (*)	g/100g	<0.1
WI-AN-014	Moisture	g/100g	14.0
WI-AN-013	Ash	g/100g	5.47
WI-AN-006 based on AOAC 985.29 (Enzymatic)	Dietary Fibre	g/100g	25.5
WI-AN-120 (Calculated)	Available Carbohydrates (by difference)	g/100g	49.8
WI-AN-062 (Calculated)	Glycaemic Carbohydrates	g/100g	21.2
WI-AN-007 based on AOAC 982.14 (HPLC)	Total Sugars	g/100g	21.2
WI-AN-007 based on AOAC 982.14 (HPLC)	D-Fructose	g/100g	12.3
WI-AN-007 based on AOAC 982.14 (HPLC)	D-Glucose	g/100g	7.5
WI-AN-007 based on AOAC 982.14 (HPLC)	D-Galactose	g/100g	<0.5
WI-AN-007 based on AOAC 982.14 (HPLC)	Sucrose	g/100g	1.4
WI-AN-007 based on AOAC 982.14 (HPLC)	D-Maltose	g/100g	<0.5
WI-AN-007 based on AOAC 982.14 (HPLC)	D-Lactose	g/100g	<0.5
WI-AN-007 based on AOAC 982.14 (HPLC)	D-Trehalose	g/100g	<0.5

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Lab ident: MT17-04042.001
Sample type: Rosehip
Sample Ident: Organic Rosehip Shell - Powder

Method	Analysis	Unit	Result
WI-AN-008 based on AOAC 996.11 (Enzymatic)	Starch	g/100g	<1
WI-AN-004 based on ICP-MS Application Notes	Sodium (Na)	mg/100g	4
WI-AN-120 (Calculated)	Energy Value	kJ/100g	1165
WI-AN-120 (Calculated)	Energy Value	Cal/100g	279
WI-AN-022 (ICP-MS)	Calcium (Ca)	mg/100g	633
WI-AN-022 (ICP-MS)	Magnesium (Mg)	mg/100g	214
WI-AN-022 (ICP-MS)	Manganese (Mn)	mg/kg	54
Subcontracted	#Vitamin A (*)	-	As Attached Report
Subcontracted	#Vitamin C (*)	-	As Attached Report
Subcontracted	#Vitamin E (*)	-	As Attached Report

Required analysis done in duplicate. Average result reported.

Duplicate results available on request.

Results marked " *" are not included in the SANAS Schedule of Accreditation for this laboratory.

Values reported as " <" are lower than the limit of quantification.

Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

Subcontracted to Microchem. Report attached.



Quality Manager
Technical Signatory
S Sardinha



Senior Analyst
Technical Signatory
C Beretta



Analyst
Technical Signatory
S Smit

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Microchem Lab Services (Pty) Ltd

Cape Town (Head Office)
1st Floor Fairweather House, 176 Sir Lowry Road
Woodstock, Cape Town, South Africa, 8001

Tel: +27 (21) 465 6996 /7
Fax: +27 (21) 465 6983
Co. Reg. 2007/010539/07 Vat No. 4330239049
Email: chem@microchem.co.za

Certificate Of Analysis

Our Lab Reference Number: 2017-05-03-031

SGS South Africa (Pty) Ltd

P.O. Box 82582
2135

Tel:
Fax:

Requested by : Anthea Langley
E-mail Address: Anthea.Langley@sgs.com
Purchase Order Number: 10033517
Division/Department:
Date Received: 03-May-2017
Date Validated: 18-May-2017

* = Not SANAS Accredited.

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The integrity of results reported are only valid from sample receipt by the laboratory.



T0393



Certificate Of Analysis

Our Lab Reference Number: 2017-05-03-031

Laboratory Sample ID: AG83315

Product: Rosehip products
 Client Sample ID: LABID: 17040686-03 (MT17-04042)
 Batch Code:
 Barcode:
 Sample Condition: As Received
 Production Date:
 Sell- By Date:

Sampling Date:
 Best Before Date:
 Use-By Date:

TEST TYPE	TEST METHOD REF	MOU (%)	RESULT
Vitamin A as Retinol (µg/100g)	S.O.P.C. No. 29	1.40	<1.2
Vitamin E (mg/100g)	S.O.P.C. No. 29	1.40	16.49
Vitamin C (mg/100g)	S.O.P.C. No. 33	6.70	408.3

Sample Comments:



S Banien

18-May-2017

Date:

Confirmed by: Technical Signatory

Total Dietary Fibre content determined by AOAC Method 991.43
 MoU = Measurement of Uncertainty. Calc = By calculation.



T0393



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