

# CHEMISTRY CERTIFICATE OF ANALYSIS



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<b>COA date:</b>	2014/05/26
<b>Date of Reception:</b>	2014/05/19

<b>Customer:</b>	Nutritech
<b>Order N°:</b>	N/A
<b>Project N°:</b>	CH01124

<b>Analyzed by :</b>	Swift Silliker Pty Ltd (except where noted) Stellenryk Building, Constantia Square Office Park 526 16 <sup>th</sup> Street, Midrand, 1685 <b>Tel:</b> +27 11 8054310 <b>Fax:</b> +27 11 8057930 <b>E-mail:</b> info@swift.co.za
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**To: NUTRITECH (PTY) LTD**  
Jaco Serfontein  
63c Pikering Street  
Newton Park  
Port Elizabeth  
6045

<b>Received from:</b>	Nutritech Jaco Serfontein <b>Tel:</b> 041 364 1055 <b>Fax:</b> <b>E-mail:</b> <a href="mailto:jaco@nutritech.co.za">jaco@nutritech.co.za</a>
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## SAMPLE DESCRIPTION

**Sample N°:** CH01124-01  
**Product:** Whey  
**Description:** Pure Whey Vanilla  
Batch: WV06B

## ANALYTICAL RESULTS

Tests	Analysis Date:	Results	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> <b>Moisture</b> METHOD: SWM.CHEM.010		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Ash</b> METHOD: SWM.CHEM.026		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Fat</b> METHOD: SWM.CHEM.025	22-23/05/2014	2.81	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Nitrogen</b> METHOD: SWM.CHEM.003	23/05/2014	11.252	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Protein By Kjeldahl (N x 6.38)</b> METHOD: SWM.CHEM.003	23/05/2014	71.79	g/100g	N/A	0.33
<input checked="" type="checkbox"/> <b>Carbohydrates by difference</b> <i>Calculation (Fiber not subtracted)</i>		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Dietary Fibre</b> METHOD: SWM.CHEM.009		RTF	g/100g	N/A	0.50

## SAMPLE DESCRIPTION

**Sample N°:** CH01124-02  
**Product:** Whey  
**Description:** Pure Whey Strawberry  
Batch: WS06W

## ANALYTICAL RESULTS

Tests	Analysis Date:	Results	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> <b>Moisture</b> METHOD: SWM.CHEM.010		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Ash</b> METHOD: SWM.CHEM.026		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Fat</b> METHOD: SWM.CHEM.025	22-23/05/2014	2.97	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Nitrogen</b> METHOD: SWM.CHEM.003	23/05/2014	11.278	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Protein By Kjeldahl (N x 6.38)</b> METHOD: SWM.CHEM.003	23/05/2014	71.95	g/100g	N/A	0.33
<input checked="" type="checkbox"/> <b>Carbohydrates by difference</b> <i>Calculation (Fiber not subtracted)</i>		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Dietary Fibre</b> METHOD: SWM.CHEM.009		RTF	g/100g	N/A	0.50

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**SAMPLE DESCRIPTION**

Sample N°: CH01124-03  
 Product: Whey  
 Description: Pure Whey Chocolate  
 Batch: WC07S

**ANALYTICAL RESULTS**

Tests	Analysis Date:	Results	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> Moisture METHOD: SWM.CHEM.010		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Ash METHOD: SWM.CHEM.026		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Total Fat METHOD: SWM.CHEM.025	22-23/05/2014	3.17	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Nitrogen METHOD: SWM.CHEM.003	23/05/2014	11.134	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Protein By Kjeldahl (N x 6.38) METHOD: SWM.CHEM.003	23/05/2014	71.04	g/100g	N/A	0.33
<input checked="" type="checkbox"/> Carbohydrates by difference Calculation (Fiber not subtracted)		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Total Dietary Fibre METHOD: SWM.CHEM.009		RTF	g/100g	N/A	0.50

**SAMPLE DESCRIPTION**

Sample N°: CH01124-04  
 Product: Whey  
 Description: Pure Whey Chocomint  
 Batch: WM08B

**ANALYTICAL RESULTS**

Tests	Analysis Date:	Results	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> Moisture METHOD: SWM.CHEM.010		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Ash METHOD: SWM.CHEM.026		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Total Fat METHOD: SWM.CHEM.025	22-23/05/2014	3.08	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Nitrogen METHOD: SWM.CHEM.003	23/05/2014	11.191	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Protein By Kjeldahl (N x 6.38) METHOD: SWM.CHEM.003	23/05/2014	71.40	g/100g	N/A	0.33
<input checked="" type="checkbox"/> Carbohydrates by difference Calculation (Fiber not subtracted)		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Total Dietary Fibre METHOD: SWM.CHEM.009		RTF	g/100g	N/A	0.50

**SAMPLE DESCRIPTION**

Sample N°: CH01124-05  
 Product: Whey  
 Description: Pure Whey Cookies & Cream  
 Batch: WC09W

**ANALYTICAL RESULTS**

Tests	Analysis Date:	Results	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> Moisture METHOD: SWM.CHEM.010		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Ash METHOD: SWM.CHEM.026		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Total Fat METHOD: SWM.CHEM.025	22-23/05/2014	4.01	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Nitrogen METHOD: SWM.CHEM.003	23/05/2014	11.182	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Protein By Kjeldahl (N x 6.38) METHOD: SWM.CHEM.003	23/05/2014	71.34	g/100g	N/A	0.33
<input checked="" type="checkbox"/> Carbohydrates by difference Calculation (Fiber not subtracted)		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> Total Dietary Fibre METHOD: SWM.CHEM.009		RTF	g/100g	N/A	0.50

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#### SAMPLE DESCRIPTION

**Sample N°:** CH01124-06  
**Product:** Whey  
**Description:** Pure Whey Banana Cream  
 Batch: WB10S

#### ANALYTICAL RESULTS

Tests	Analysis Date:	Results	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> <b>Moisture</b> METHOD: SWM.CHEM.010		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Ash</b> METHOD: SWM.CHEM.026		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Fat</b> METHOD: SWM.CHEM.025	22-23/05/2014	3.57	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Nitrogen</b> METHOD: SWM.CHEM.003	23/05/2014	11.173	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Protein By Kjeldahl (N x 6.38)</b> METHOD: SWM.CHEM.003	23/05/2014	71.28	g/100g	N/A	0.33
<input checked="" type="checkbox"/> <b>Carbohydrates by difference</b> <i>Calculation (Fiber not subtracted)</i>		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Dietary Fibre</b> METHOD: SWM.CHEM.009		RTF	g/100g	N/A	0.50

#### SAMPLE DESCRIPTION

**Sample N°:** CH01124-07  
**Product:** Whey  
**Description:** Pure Whey American Cream Soda  
 Batch: WA11W

#### ANALYTICAL RESULTS

Tests	Analysis Date:	Results	Units	Limits [Target value]	LOQ
<input checked="" type="checkbox"/> <b>Moisture</b> METHOD: SWM.CHEM.010		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Ash</b> METHOD: SWM.CHEM.026		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Fat</b> METHOD: SWM.CHEM.025	22-23/05/2014	2.75	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Nitrogen</b> METHOD: SWM.CHEM.003	23/05/2014	11.295	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Protein By Kjeldahl (N x 6.38)</b> METHOD: SWM.CHEM.003	23/05/2014	72.06	g/100g	N/A	0.33
<input checked="" type="checkbox"/> <b>Carbohydrates by difference</b> <i>Calculation (Fiber not subtracted)</i>		RTF	g/100g	N/A	N/A
<input checked="" type="checkbox"/> <b>Total Dietary Fibre</b> METHOD: SWM.CHEM.009		RTF	g/100g	N/A	0.50

#### Authorized by:

**Name:** Michael Ndlovu

**Name of supervisor:** Yetta Swanepoel

**Function:** Senior Analyst/ Technical Signatory

**Function:** Lab Manager: Chemistry

**Signature :**

**Signature:**

: Accredited analysis, : Retested analysis, : Subcontracted analysis, NC: Non-conformance

N/A: Not Applicable, LOQ: Limit of Quantification RTF: Results to follow

All results are subject to an estimated Uncertainty of Measurement, which is available upon request.

Tests marked with an \* in this report are not included in the scope of accreditation for this laboratory. A test result only relates to the specific item submitted for testing. It furnishes or implies no guarantee whatsoever, in respect of a similar item that has not been tested. The test report shall not be reproduced except in full, without the written approval of Swift Silliker Pty. Ltd.

End of Report