

muva kempten GmbH • PO Box 32 54 • 87441 Kempten (Allgäu)

Fonterra Brands Lanka (Private) Limited  
100, Delgoda Road  
11650 Blyagama  
SRI LANKA

Date: 18.04.2019  
Client-No.: 1840141  
Your reference:  
Reference date: 08/03/2019  
Contact: +49 (0)831 5290 0  
E-Mail: auftragsbearbeitung@muva.de

## Test report

Order code: 386023

Sample code: 1400264

muva-Test report-No. 3405070

Page 1 of 2

Designation of sample: **Anchor Full Cream Milk Powder 400g**  
Date of Manufacture **2018.11.12**  
Date of Expiry **2020.02.02**  
Batch no. **1903312600 sample 1**  
original packaging

Sample(s) received on: 28.03.2019  
Duration of testing: 04.04.2019 to 16.04.2019

Sampling: by ordering party or on behalf; the results listed in the test report apply to the sample as received

## Chemical analysis

Analysis	Result	Unit		Method
Triglyceride C24 (Tricaprylin)	0,08	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C26	0,34	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C28	0,74	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C30 (Tricaprin)	1,38	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C32	2,98	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C34	6,66	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C36 (Trilaurin)	11,51	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C38	12,69	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C40	9,99	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C42 (Trimyristin)	7,60	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C44	7,21	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C46	7,77	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C48 (Tripalmitin)	8,87	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008

## Test report

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Analysis	Result	Unit		Method
Triglyceride C50	10,10	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C52	8,11	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C54 (Tristearin+Triolein)	3,63	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008

### Evaluation of compliance:

The analysis of triglyceride pattern according to EN ISO 17678:2010 and regulation (EC) 273/2008 in the analysed sample showed no deviation from milkfat, **foreign fat was not detected**. The limit of detection is approx. 5% foreign fat of total fat.

The analysis complies with ISO 17678 / IDF 202 "Milk and Milk Products- Determination of milk fat purity by gas chromatographic analysis of triglycerides".



Hans Tober

Head of department of residue analysis

The test results relate only to the item tested.

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This test report was reviewed and approved electronically. It conforms to requirements of DIN EN ISO/IEC 17025:2005 and is valid even without signature.

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## Test report

Order code: 386023

Sample code: 1400270

muva-Test report-No. 3405076

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Designation of sample: **Ratthi Full Cream Milk Powder 400g**  
Date of Manufacture **2018.09.20**  
Date of Expiry **2020.01.22**  
Batch no. **1902213100 sample 1**  
**original packaging**

Sample(s) received on: 28.03.2019  
Duration of testing: 05.04.2019 to 16.04.2019

Sampling: by ordering party or on behalf; the results listed in the test report apply to the sample as received

## Chemical analysis

Analysis	Result	Unit		Method
Triglyceride C24 (Tricapryllin)	0,06	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C26	0,33	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C28	0,80	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C30 (Tricaprin)	1,51	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C32	3,09	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C34	6,52	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C36 (Trilaurin)	11,02	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C38	12,97	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C40	10,71	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C42 (Trimyrustin)	7,49	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C44	6,77	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C46	7,12	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C48 (Tripalmitin)	8,10	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008

## Test report

Order code: 386023

Sample code: 1400270

muva-Test report-No. 3405076

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Analysis	Result	Unit		Method
Triglyceride C50	9,69	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C52	8,84	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008
Triglyceride C54 (Tristearin+Triolein)	4,64	%	fat	MUVA-MET482: Rev.4 2011-05, acc. to EN ISO 17678:2010 and regulation (EC) 273/2008

### Evaluation of compliance:

The analysis of triglyceride pattern according to EN ISO 17678:2010 and regulation (EC) 273/2008 in the analysed sample showed no deviation from milkfat, **foreign fat was not detected**. The limit of detection is approx. 5% foreign fat of total fat.

The analysis complies with ISO 17678 / IDF 202 "Milk and Milk Products- Determination of milk fat purity by gas chromatographic analysis of triglycerides".



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