



Accreditation No. 1031/47

Analysis / Test Report

Report to : Northern Food Complex Co., Ltd.
99/3, Chiangrai - Dongmada Rd., Maekorn,
Muang, Chiangrai Thailand 57000
Attn : Prakaiwan Thepmanee
Phone : 0-5367-3985
Fax : 0-5372-6998
Email : prakaiwan4213@hotmail.com
Cc.Email : maimoo_019@hotmail.com

Project Name :
Location :
P/O : LG

Lot ID: 1654154
Date Received : Sep 02, 2016
Date Reported : Sep 20, 2016
Report Number : 771125-1

Page 1 of 4

Reference Number 1654154-1
Sampling Date Sep 02, 2016
Sample Description Special Soy Sauce
Condition of Sample contained in one plastic bottle
Date of Analysis Sep 03, 2016

Analyte	Unit	LOD	Result	Method
Food Testing				
Ash	g/100g	-	15.7	In-house method STM No.03-114 based on AOAC (2012), 923.03
Calories from Fat	kcal/100g	-	0	Method of Analysis for Nutrition Labeling (1993) p.106
Total Carbohydrate (Include Dietary Fiber)	g/100g	-	6.24	Method of Analysis for Nutrition Labeling (1993) p.106
Calories	kcal/100g	-	57.6	Method of Analysis for Nutrition Labeling (1993) p.106
Dietary Fiber (Total)	g/100g	-	0.65	In-house method STM No. 03-008 based on AOAC (2012), 985.29
Fat	g/100g	-	0	In-house method STM No. 03-010 based on AOAC (2012), 996.06
Moisture	g/100g	-	69.9	In-house method STM No.03-115 based on AOAC (2012), 925.23
Protein (Nx6.25)	g/100g	0.1	8.16	In-house method STM No. 03-017 based on AOAC (2012), 981.10
Total Sugars	g/100g	0.22	Not Detected	In-house method STM No. 03-025 based on Journal of AOAC International, Vol.75, No.3, 1992, p.443-464
Vitamin A (Retinol)	ug/100g	0.75	Not Detected	In-house method STM No.03-021 based on Journal of Liquid Chromatography Analysis of Food and Beverage, Vol.2,1979,p.477-495
Vitamin B1	mg/100g	0.003	0.02	In-house method STM No.03-022 based on Food Chemistry, Vol. 56, and No. 1, 1996, P. 81-86
Vitamin B2	mg/100g	0.003	0.05	In-house method STM No.03-022 based on Food Chemistry, Vol. 56, and No. 1, 1996, P. 81-86
Vitamin D	ug/100g	0.05	Not Detected	In-house method STM No. 03-120 based on AOAC (2012), 995.05
Metals Testing				
Calcium	mg/100g	0.30	75.4	Based on AOAC (2012), 984.27

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sumalee Chanta
Assistant Manager



Accreditation No. 1031/47

Analysis / Test Report

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Project Name :
Location :
P/O : LG

Lot ID: 1654154
Date Received : Sep 02, 2016
Date Reported : Sep 20, 2016
Report Number : 771125-1

Page 2 of 4

Reference Number 1654154-1
Sampling Date Sep 02, 2016
Sample Description Special Soy Sauce
Condition of Sample contained in one plastic bottle
Date of Analysis Sep 03, 2016

Analyte	Unit	LOD	Result	Method
Metals Testing				
Iron	mg/100g	0.005	2.92	Based on AOAC (2012), 984.27
Potassium	mg/100g	-	756	Based on AOAC (2012), 984.27
Sodium	mg/100g	0.30	6414	Based on AOAC (2012), 984.27

Note:

This Analysis test report is reissued to supersede report no. 763866-1, Date Reported : Sep 10, 2016

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Approved by

Sumalee Chanta
Assistant Manager



Analysis / Test Report NUTRITION LABELING (USFDA)

Accreditation No. 1031/47

For : Northern Food Complex Co., Ltd.
Address : 99/3, Chiangrai - Dongmada Rd., MaeKorn, Muang, Chiangrai Thailand 57000
Received Date : 02/09/2016
Sample : Special Soy Sauce

Lot ID : 1654154-1
Report Number : 771125-1(5)
Date Reported : Oct 01, 2016
Page 2 of 4

NET VOLUME 10 Liter (10,000 mL)
SERVING SIZE 1 tbsp (15 mL)
SERVINGS PER CONTAINER About 667

Nutrient	LOD	Reference Method
Calories (kilocalories)	- kcal/100mL	Method of Analysis for Nutrition Labeling (1993) p.106
Total Fat (g)	- g/100mL	In-house method STM No. 03-010 based on AOAC (2012) , 996.06
Saturated Fat (g)	- g/100mL	-
Trans Fat (g)	- g/100mL	-
Cholesterol (mg)	- mg/100mL	-
Sodium (mg)	0.30 mg/100mL	Based on AOAC (2012) , 984.27
Total Carbohydrate (g)	- g/100mL	Method of Analysis for Nutrition Labeling (1993) p.106
Dietary Fiber (g)	- g/100mL	In-house method STM No. 03-008 based on AOAC (2012) , 985.29
Total Sugars (g)	- g/100mL	In-house method STM No. 03-025 based on Journal of AOAC International , Vol.75, No.3, 1992, p.443-464
Added Sugars (g)	- g/100mL	-
Protein (Nx6.25) (g)	0.1 g/100mL	In-house method STM No. 03-017 based on AOAC (2012) , 981.10
Vitamin D (mcg)	0.05 ug/100mL	In-house method STM No. 03-120 based on AOAC (2012) , 995.05
Calcium (mg)	0.30 mg/100mL	Based on AOAC (2012) , 984.27
Iron (mg)	0.005 mg/100mL	Based on AOAC (2012) , 984.27
Potassium (mg)	- mg/100mL	Based on AOAC (2012) , 984.27
Ash (g)	- g/100mL	In-house method STM No.03-114 based on AOAC (2012) , 923.03
Moisture (g)	- g/100mL	In-house method STM No.03-115 based on AOAC (2012) , 925.23

Remark : * Analyte(s) marked * is/are not included in scope of Accreditation
** Not Detected at a lower limit of detection
Not Significant source of Saturated Fat, Trans Fat and Cholesterol

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Analysis / Test Report NUTRITION LABELING (USFDA)

Accreditation No. 1031/47

For : Northern Food Complex Co., Ltd.
Address : 99/3, Chiangrai - Dongmada Rd., Maekorn, Muang, Chiangrai Thailand 57000
Received Date : 02/09/2016
Sample : Special Soy Sauce

Lot ID : 1654154-1
Report Number : 771125-1(5)
Date Reported : Oct 01, 2016
Page 1 of 4


NET VOLUME 10 Liter (10,000 mL)
SERVING SIZE 1 tbsp (15 mL)
SERVINGS PER CONTAINER About 667

Nutrient	Per 100mL	Per serving 1 tbsp (15 mL)	% Daily value
Calories (kilocalories)	67.2	10	
Total Fat (g)	0	0	0
Saturated Fat (g)	-	-	-
Trans Fat (g)	-	-	-
Cholesterol (mg)	-	-	-
Sodium (mg)	7498	1120	49
Total Carbohydrate (g)	7.26	1	0
Dietary Fiber (g)	0.76	0	0
Total Sugars (g)	Not Detected**	0	0
Added Sugars (g)	0	0	0
Protein (Nx6.25) (g)	9.54	1	
Vitamin D (mcg)	Not Detected**	0	0
Calcium (mg)	88.1	13	<2
Iron (mg)	3.41	0.5	2
Potassium (mg)	884	133	2
Ash (g)	18.4		
Moisture (g)	64.8		

Test Date : 03/09/2016

Completed Date : 20/09/2016

Technical Management :


(Jutharat Sriprasert)


(Sumalee Chanta)
Signed for and on behalf of
ALS Laboratory Group (Thailand) Co., Ltd

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Analysis / Test Report

NUTRITION LABELING (EU)

For : Northern Food Complex Co., Ltd. Lot ID : 1654154-1
Address : 99/3, Chiangrai - Dongmada Rd., Maekorn, Muang, Chiangrai Thailand Report Number : 771125-1(3)
57000 Date Reported : Oct 01, 2016
Received Date : 02/09/2016 Page 2 of 2
Sample : Special Soy Sauce
Net Volume : 10 Liter (10,000 mL)

Nutrient	Reference Method
Energy	Regulation (EU) No 1169/2011
Fat	In-house method STM No. 03-010 based on AOAC (2012) , 996.06
Saturates	-
Carbohydrate	Regulation (EU) No 1169/2011
Sugars	In-house method STM No. 03-025 based on Journal of AOAC International , Vol.75, No.3, 1992, p.443-464
Fibre	In-house method STM No. 03-008 based on AOAC (2012) , 985.29
Protein	In-house method STM No. 03-017 based on AOAC (2012) , 981.10
Salt	Based on AOAC (2012) , 984.27

Remark : Not Significant source of Saturates

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Analysis / Test Report

NUTRITION LABELING (EU)

For : Northern Food Complex Co., Ltd.
Address : 99/3, Chiangrai - Dongmada Rd., Mackorn, Muang, Chiangrai Thailand
57000
Received Date : 02/09/2016
Sample : Special Soy Sauce
Net Volume : 10 Liter (10,000 mL)

Lot ID : 1654154-1
Report Number : 771125-1(3)
Date Reported : Oct 01, 2016
Page 1 of 2

NUTRITION INFORMATION

	Per 100mL
Energy	279 kJ / 66 kcal
Fat	0 g
of which	
----Saturates,	0 g
Carbohydrate	6.5 g
of which	
----Sugars,	0 g
Fibre	0.8 g
Protein	9.5 g
Salt	18.7 g

Test Date : 03/09/2016

Completed Date : 20/09/2016

Technical Management :

(Jutharat Sriprasert)

(Sumalee Chanta)

Signed for and on behalf of
ALS Laboratory Group (Thailand) Co., Ltd.

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Analysis / Test Report
NUTRITION LABELING (THAI,RDI)

Accreditation No. 1031/47

Nutrition Labeling for
Sample : Special Soy Sauce

Lot ID : 1654154-1
Report Number : 771125-1(1)
Date Reported : Oct 01, 2016
Page 4 of 4

ข้อมูลโภชนาการ	
หนึ่งหน่วยบริโภค : 1 ช้อนโต๊ะ (15 มล.)	
จำนวนหน่วยบริโภคต่อขวด : ประมาณ 667	
คุณค่าทางโภชนาการต่อหนึ่งหน่วยบริโภค	
พลังงานทั้งหมด 10 กิโลแคลอรี	
	ร้อยละของปริมาณที่แนะนำต่อวัน *
ไขมันทั้งหมด 0 ก.	0%
โปรตีน 1 ก.	
คาร์โบไฮเดรตทั้งหมด 1 ก.	0%
น้ำตาล 0 ก.	
โซเดียม 1120 มก.	47%
	ร้อยละของปริมาณที่แนะนำต่อวัน *
เหล็ก	4%
* ร้อยละของปริมาณสารอาหารที่แนะนำให้บริโภคต่อวันสำหรับคนไทยอายุตั้งแต่ 6 ปีขึ้นไป (Thai RDI) โดยคิดจากความต้องการพลังงานวันละ 2,000 กิโลแคลอรี	

Signature

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Analysis / Test Report

NUTRITION LABELING (THAI,RDI)

Accreditation No. 1031/47

Nutrition Labeling for

Sample : Special Soy Sauce

Lot ID : 1654154-1

Report Number : 771125-1(1)

Date Reported : Oct 01, 2016

Page 3 of 4

ข้อมูลโภชนาการ			
หนึ่งหน่วยบริโภค : 1 ช้อนโต๊ะ (15 มล.)			
จำนวนหน่วยบริโภคต่อขวด : ประมาณ 667			
คุณค่าทางโภชนาการต่อหนึ่งหน่วยบริโภค			
พลังงานทั้งหมด 10 กิโลแคลอรี (พลังงานจากไขมัน 0 กิโลแคลอรี)			
ร้อยละของปริมาณที่แนะนำต่อวัน *			
ไขมันทั้งหมด 0 ก.			0%
ไขมันอิ่มตัว 0 ก.			0%
โคเลสเตอรอล 0 มก.			0%
โปรตีน 1 ก.			
คาร์โบไฮเดรตทั้งหมด 1 ก.			0%
ใยอาหาร 0 ก.			0%
น้ำตาล 0 ก.			
โซเดียม 1120 มก.			47%
ร้อยละของปริมาณที่แนะนำต่อวัน *			
วิตามินเอ 0%	วิตามินบี 1 0%		
วิตามินบี 2 0%	แคลเซียม		น้อยกว่า 2%
เหล็ก 4%			
* ร้อยละของปริมาณสารอาหารที่แนะนำให้บริโภคต่อวันสำหรับคนไทยอายุตั้งแต่ 6 ปีขึ้นไป (Thai RDI) โดยคิดจากความต้องการพลังงานวันละ 2,000 กิโลแคลอรี			
ความต้องการพลังงานของแต่ละบุคคลแตกต่างกัน ผู้ที่ต้องการพลังงานวันละ 2,000 กิโลแคลอรี ควรได้รับสารอาหารต่าง ๆ ดังนี้			
ไขมันทั้งหมด	น้อยกว่า	65	ก.
ไขมันอิ่มตัว	น้อยกว่า	20	ก.
โคเลสเตอรอล	น้อยกว่า	300	มก.
คาร์โบไฮเดรตทั้งหมด		300	ก.
ใยอาหาร		25	ก.
โซเดียม	น้อยกว่า	2,400	มก.
พลังงาน (กิโลแคลอรี) ต่อกรัม : ไขมัน = 9 ; โปรตีน = 4 ; คาร์โบไฮเดรต = 4			

SAM

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Analysis / Test Report

NUTRITION LABELING (THAI,RDI)

Accreditation No. 1031/47

For : Northern Food Complex Co., Ltd.
 Address : 99/3, Chiangrai - Dongmada Rd., Maekorn, Muang, Chiangrai Thailand 57000
 Received Date : 02/09/2016
 Sample : Special Soy Sauce
 NET VOLUME 10 ลิตร (10,000 มล.)
 SERVING SIZE 1 ช้อนโต๊ะ (15 มล.)
 SERVINGS PER CONTAINER ประมาณ 667

Lot ID : 1654154-1
 Report Number : 771125-1(1)
 Date Reported : Oct 01, 2016
 Page 2 of 4

Nutrient	LOD	Reference Method
Calories (kilocalories)	- kcal/100mL	Method of Analysis for Nutrition Labeling (1993) p.106
Calories from Fat (kilocalories)	- kcal/100mL	Method of Analysis for Nutrition Labeling (1993) p.106
Total Fat (g)	- g/100mL	In-house method STM No. 03-010 based on AOAC (2012) , 996.06
Saturated fat (g)	- g/100mL	-
Cholesterol (mg)	- mg/100mL	-
Protein (Nx6.25) (g)	0.1 g/100mL	In-house method STM No. 03-017 based on AOAC (2012) , 981.10
Total Carbohydrate, Include DF (g)	- g/100mL	Method of Analysis for Nutrition Labeling (1993) p.106
Dietary Fiber (g)	- g/100mL	In-house method STM No. 03-008 based on AOAC (2012) , 985.29
Sugars (g)	- g/100mL	In-house method STM No. 03-025 based on Journal of AOAC International , Vol.75, No.3, 1992, p.443-464
Sodium (mg)	0.30 mg/100mL	Based on AOAC (2012) , 984.27
Vitamin A (ug RE)	0.75 ug/100mL	In-house method STM No.03-021 based on Journal of Liquid Chromatography Analysis of Food and Beverage, Vol.2,1979,p.477-495
Vitamin B 1 (mg)	0.003 mg/100mL	In-house method STM No.03-022 based on Food Chemistry, Vol. 56, and No. 1, 1996, P. 81-86
Vitamin B 2 (mg)	0.003 mg/100mL	In-house method STM No.03-022 based on Food Chemistry, Vol. 56, and No. 1, 1996, P. 81-86
Calcium (mg)	0.30 mg/100mL	Based on AOAC (2012) , 984.27
Iron (mg)	0.005 mg/100mL	Based on AOAC (2012) , 984.27
Ash (g)	- g/100mL	In-house method STM No.03-114 based on AOAC (2012) , 923.03
Moisture (g)	- g/100mL	In-house method STM No.03-115 based on AOAC (2012) , 925.23

Remark : * Analyte(s) marked * is/are not included in scope of Accreditation
 ** Not Detected at a lower limit of detection
 Not Significant source of Saturated Fat and Cholesterol

Signature

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Analysis / Test Report

NUTRITION LABELING (THAI,RDI)

Accreditation No. 1031/47

For : Northern Food Complex Co., Ltd.
 Address : 99/3, Chiangrai - Dongmada Rd., MaeKorn, Muang, Chiangrai Thailand 57000
 Received Date : 02/09/2016
 Sample : Special Soy Sauce
 NET VOLUME 10 ลิตร (10,000 มล.)
 SERVING SIZE 1 ช้อนโต๊ะ (15 มล.)
 SERVINGS PER CONTAINER ประมาณ 667

Lot ID : 1654154-1
 Report Number : 771125-1(1)
 Date Reported : Oct 01, 2016
 Page 1 of 4

Nutrient	Per 100mL	Per serving 1 ช้อนโต๊ะ (15 มล.)	% Daily value
Calories (kilocalories)	67.2	10	
Calories from Fat (kilocalories)	0	0	
Total Fat (g)	0	0	0
Saturated fat (g)	-	-	-
Cholesterol (mg)	-	-	-
Protein (Nx6.25) (g)	9.54	1	
Total Carbohydrate, Include DF (g)	7.26	1	0
Dietary Fiber (g)	0.76	0	0
Sugars (g)	Not Detected**	0	
Sodium (mg)	7498	1120	47
Vitamin A (ug RE)	Not Detected**	(0)	0
Vitamin B 1 (mg)	0.02	(0.004)	0
Vitamin B 2 (mg)	0.06	(0.01)	0
Calcium (mg)	88.1	(13.2)	น้อยกว่า 2
Iron (mg)	3.41	(0.51)	4
Ash (g)	18.4		
Moisture (g)	64.8		

Test Date : 03/09/2016

Completed Date : 20/09/2016

Technical Management :

J. sin
 (Jutharat Sriprasert)

SCM
 (Sumalee Chanta)

Signed for and on behalf of
 ALS Laboratory Group (Thailand) Co., Ltd.

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Analysis / Test Report NUTRITION LABELING (USFDA)



Accreditation No. 1031/47

Nutrition Labeling for
Sample : Special Soy Sauce

Lot ID : 1654154-1
Report Number : 771125-1(5)
Date Reported : Oct 01, 2016
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Nutrition Facts	
About 667 servings per container	
Serving size	1 tbsp (15 mL)
Amount per serving	
Calories	10
% Daily Value*	
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 1120mg	49%
Total Carbohydrate 1g	0%
Dietary Fiber 0g	0%
Total Sugars 0g	
Includes 0g Added Sugars	0%
Protein 1g	
Vitamin D 0mcg	0%
Calcium 13mg	< 2%
Iron 0.5mg	2%
Potassium 133mg	2%
* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.	

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Analysis / Test Report NUTRITION LABELING (USFDA)



Accreditation No. 1031/47

Nutrition Labeling for

Sample : Special Soy Sauce

Lot ID : 1654154-1

Report Number : 771125-1(5)

Date Reported : Oct 01, 2016

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Nutrition Facts	
About 667 servings per container	
Serving size	1 tbsp (15 mL)
Amount per serving	
Calories	10
	% DV*
Total Fat 0g	0%
Sodium 1120mg	49%
Total Carbohydrate 1g	0%
Protein 1g	
Iron 0.5mg	2%
Potassium 133mg	2%
Not a significant source of saturated fat, <i>trans</i> fat, cholesterol, dietary fiber, total sugars, added sugars, vitamin D and calcium.	
* %DV = % Daily Value	

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