

**Test Report** 5126483

Date : 17-Dec-2021

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**Client : Northern Food Complex Co.,Ltd.**  
**99/3 Chaingrai-Dongmada Road,**  
**Maekorn Chiangrai 57000 Thailand**

The following sample(s) was/were submitted and identified by client as:

Sample Name : Johin Tamari Soy Sauce (KAMEDA-STC)

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 5331712

Sample Condition : Sample is contained in a plastic bottle.

Qty.Submitted : 1 bottle

Date Received : 4-Dec-2021

Date Commenced: 7-Dec-2021

Test Items	Method	LOD	LOQ	Results	Units
Calories	Method of Analysis for Nutrition Labeling (1993) : 106				
-Calories from fat		-	-	Not detected	kcal/100mL
-Calories		-	-	89	kcal/100mL
-Calories		-	-	372	kJ/100mL
Protein (Nx6.25)	In house method SOP LBAG-00111 based on AOAC (2019) 920.152,930.29,979.09,978.04,93 0.25,930.33,950.48,981.10,950.36	-	-	12.52	g/100mL
Total fat	AOAC (2019) 996.06 , GC/FID	-	0.01	Less than 0.01	g/100mL
Saturated Fat	AOAC (2019) 996.06,GC/FID	-	0.01	Less than 0.01	g/100mL
trans-fatty acid	AOAC (2019) 996.06 GC/FID	-	0.01	Less than 0.01	g/100mL
Cholesterol	In-house method SOP LBCH-00259 based on AOAC (2019) 994.10 , GC/FID	0.10	0.50	Not detected	mg/100mL
Carbohydrate	Method of Analysis for Nutrition Labeling (1993) : 106				
-Carbohydrate		-	-	9.8	g/100mL
-Available Carbohydrate		-	-	9.8	g/100mL

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Test Items	Method	LOD	LOQ	Results	Units
Dietary Fiber	In house method LBAG-99103 based on AOAC(2019) 985.29	-	-	Not detected	g/100mL
Total Sugar As Invert	In house method SOP LBAG-01141 based on AOAC (2019) 974.06	0.03	0.06	3.6	g/100mL
Sodium (Na)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	1.50	5.00	7730	mg/100mL
Calcium (Ca)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	0.60	2.00	63	mg/100mL
Iron (Fe)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	0.01	0.07	3.13	mg/100mL
Potassium (K)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	1.50	5.00	768	mg/100mL
Vitamin D	In-house method SOP LBFD-08474 In connection with AOAC (2016) 981.17 and AOAC (2016) 995.05 , HPLC/MS				
-Vitamin D2 (as ergocalciferol)		0.25	0.50	Not detected	ug/100mL
-Vitamin D3 (as cholecalciferol)		0.25	0.50	Not detected	ug/100mL
Vitamin A (as Retinol)	In-house method SOP LBFD-99076 based on Bull. Dept. Med. Sci. Vol.37 No.1 Jan-March 1995 : P.57-64	0.98	1.96	Not detected	ug/100mL
Vitamin B1(Thiamine)	In house method SOP LBFD-00089 based on AOAC (2019) 942.23	0.05	0.08	0.10	mg/100mL

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Accreditation No.1007/43

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Test Items	Method	LOD	LOQ	Results	Units
Vitamin B2(Riboflavin)	In house method SOP LBFD-00084 based on AOAC (2019) 970.65	0.05	0.08	0.60	mg/100mL
* Salt (calculate from sodium)	Calculation from Sodium	0.004	0.01	19.33	g/100mL

Remark : 1. LOD = "Limit of Detection"

2. Less than = Lower than LOQ "Limit of Quantitation"

3. The Dietary fiber test have lowest reporting limit 0.50 g/100mL.

Test(s) marked \* on this Report are not included in the BLQS DMSQ Accreditation Scope.

**Signed for and on behalf of  
SGS (Thailand) Limited**

**Napaporn Thongthang  
Acting - Multi Lab Manager**

\*\*\*\*\* End of Report \*\*\*\*\*

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