

ZLI - Oyster sauce MAEKRUUA bt 600ml

(Version 4, approved on 29/02/2024)



1. General product information

Version nr. 4
Product name EN Oyster sauce MAEKRUUA bt 600ml
Brand Maekrua
Product reference 008654

1.1 General requirements

Products must comply with EU standard, for further details please read appendix II

2. Product Composition

2.1 Component list

Give the exact recipe before processing in declining order. Composite ingredients must be mentioned completely (e.g. breadcrumbs; water, yeast, wheat, salt). Give the full name of any additive, including technical additives used and the E-number. Specify the raw material for vegetable oils, e.g. palm oil, starch, e.g. modified corn starch, hydrolyzed protein, e.g. hydrolyzed soya protein. Add important and relevant information about the ingredients such as quality grading (e.g. rice grade AAA), processing method used (e.g. dried apricots, parboiled rice, irradiated herbs). Total quantity of all ingredients must be 100%.

<u>Ingredient type</u>	<u>Name</u>	<u>Source</u>	<u>% in final</u>	<u>(E number)</u>	<u>Country of origin</u>	<u>Allergen</u>	<u>GMO Labeling required?</u> (Regulation EG Nr1829/2003)
Ingredient	oyster extract		30		Thailand		No
Composition	soy sauce		28.8		Thailand		No
|→ Ingredient	|→ soybeans				Thailand		No
|→ Ingredient	|→ wheat flour				Thailand		No
|→ Ingredient	|→ salt				Thailand		No
Ingredient	water		11.8		Thailand		No
Ingredient	sugar		10.1		Thailand		No
Composition	iodized salt		8.1		Thailand		No
|→ Ingredient	|→ salt						No
|→ Ingredient	|→ potassium iodate						No
Ingredient	modified tapioca starch		7.5		Thailand		No
Ingredient	corn starch		3.5		Thailand		No
Additive	acidity regulator		0.1	E575 Glucono delta-lactone	Italy		No
Additive	preservative		0.1	E211 Sodium benzoate	Netherlands		No

ZLI - Oyster sauce MAEKRUUA bt 600ml

(Version 4, approved on 29/02/2024)



Totaal percentage: 100.00%

2.2 Ingredient declaration

Add picture of the original artwork (Appendix I) of the export packaging or add the artwork in a separate file. You can add the attachments at the bottom of the document.

2.3 Alcohol, halal, vegetarians

Is the product free from alcohol? Yes
If no, concentration(%):

Is the product free of artificial additives? (Colourings, flavourings, preservatives, etc.) No

Is this product Halal? Yes
If yes, institution: The Central Islamic Council of Thailand
Valid until: September 28 2024

Is it mentioned on the packaging? No

Is this product Kosher? No
If yes, institution:
Valid until:

Is it mentioned on the packaging? No

Is this product suitable for vegetarians? No

Is this product suitable for vegans? No

Is this product organic? No

If yes, please add certificate.

Is this product part of a fair trade program? No

Which program

3. Storage, shelf life, Weight and Traceability Coding

3.1 Storage conditions & Shelf life

	Target	Min	Max	Storage Conditions
Storage temperature	24 °C	15 °C	30 °C	Room temperature and refrigerate after opening

	MAX
Total shelf life: (months)	24

ZLI - Oyster sauce MAEKRUA bt 600ml

(Version 4, approved on 29/02/2024)



3.2 Secondary Shelf life

Explain how to handle the product after opening

	Target	Min	Max	Storage conditions / Instructions:
Storage temperature: (°C)	4 °C	> 0 °C	7 °C	Keep refrigerated after opening, for limited shelf life

	Max
Total shelf life (days)	...

3.3 Weight

For suppliers outside the EU, the net weight of the product must be the **minimal** weight.

	Target	Min	Max
Weight: (consumer unit in gram/ml)	600	600	642

	gram
Drained weight: [If applicable]	... gr

Solid products in g, liquids in ml: ml

3.4 Code for traceability and code key

Production code (example) Lot No. Order number

Production code key (explanation production code) Lot no. xxmdd

4. Allergens, GMO and Irradiation

4.1 Allergen declaration

Table

ZLI - Oyster sauce MAEKRUJA bt 600ml

(Version 4, approved on 29/02/2024)



<u>Allergen</u>	<u>In the product</u>	<u>Cross-contamination on production line</u>	<u>Cross-contamination in the company</u>
Cereals containing gluten	Present	Present	Present
- Wheat	Present	Present	Present
- Rye	Absent	Absent	Absent
- Barley	Absent	Absent	Absent
- Oats	Absent	Absent	Absent
- Khorasan wheat	Absent	Absent	Absent
- Spelt	Absent	Absent	Absent
Crustaceans	Absent	Absent	Absent
Eggs	Absent	Absent	Absent
Fish	Absent	Absent	Absent
Peanuts	Absent	Absent	Absent
Soybean	Present	Present	Present
Milk (including lactose)	Absent	Absent	Absent
Nuts	Absent	Absent	Absent
- Almonds	Absent	Absent	Absent
- Hazelnuts	Absent	Absent	Absent
- Walnuts	Absent	Absent	Absent
- Cashew	Absent	Absent	Absent
- Pecans	Absent	Absent	Absent
- Brazil	Absent	Absent	Absent
- Pistachio	Absent	Absent	Absent
- Macadamia	Absent	Absent	Absent
Celery	Absent	Absent	Absent
Mustard	Absent	Absent	Absent
Sesame seeds	Absent	Absent	Absent
Sulphur dioxide and sulphites	Absent	Absent	Absent
Lupine	Absent	Absent	Absent
Molluscs	Present	Present	Present

4.2 Irradiation and Genetically Modified Organisms (GMO)

Products containing irradiated ingredients or ingredients obtained from GMOs must be labelled as such.

ZLI - Oyster sauce MAEKRUUA bt 600ml

(Version 4, approved on 29/02/2024)



Is this product (and all its ingredients) free from irradiation? Yes

Is this product (and all its ingredients) free from GMO? According to 1829/2003/EC and 1830/2003/EC Yes

5. Sensoric examination

Appearance / colour: Brown-black

Taste: Oyster sauce

Odour: Oyster sauce

Texture / consistency: Thick liquid

6. Chemical / Physical analysis

Please state chemical and physical values. The blank fields should be used for other relevant data for specific products In "measuring frequency" the control frequency in the production shall be stated, e.g. 2 times / day. Also state the method in use.

	Target	Min	Max
PH	4,4	4,3	4,5
Brix	23,5 °Brix	22 °Brix	25 °Brix
Dry matter	... %	... %	... %
Salt	7 %	6,5 %	7,5 %
Aluminium	... mg/kg	... mg/kg	... mg/kg
Water Activity*	...	...	...
Toxins [If applicable]	... mg/kg	... mg/kg	... mg/kg
Iodine	... mg/kg	... mg/kg	... mg/kg

* Also known as aqueous activity coefficient

	Method	Measuring Freq.
PH	In-house method based on AOAC 2016, 981.12	Every lot
Brix	In-house method based on AOAC 2016, 932.14	Every lot
Dry matter	...	...
Salt	In-house method based on AOAC 2016, 937.09	Every lot
Aluminum	...	...

ZLI - Oyster sauce MAEKRUUA bt 600ml

(Version 4, approved on 29/02/2024)



Water Activity	...	...
Toxins	...	...
Iodine	...	...

7. Product defects

Foreign material (product inherent) (%)
Foreign material (not product inherent) (%):
Sand (%):
Fluid / drip / glaze (%):
Damaged products (%):
Percentage of remaining variances (%):

8. Microbiological analysis

Give microbiological values at "best before date" -BBD-. (*) M= the upper acceptable concentration of a test organism. A count above M for any sample unit is unacceptable. In "sampling frequency" the control frequency in the production shall be stated, e.g. 2 times / day. Also state the used method.

	M (*)	Method	Sampling frequency
Total aerobic plate count	≤ 10000 cfu/g	BAM Online, Jan 2001, Chapter 3	Every lot
Enterobacteriaceae	... cfu/g	...	...
Coliforms	≤ 3 cfu/g	BAM Online, July 2017, Chapter 4	Every lot
Faecal coliforms	... cfu/g	...	...
Bacillus cereus	≤ 500 cfu/g	BAM Online, Feb 2012, Chapter 14	Every lot
Staphylococcus aureus	... cfu/g	...	...
Salmonella	... cfu/25g	...	...
Listeria monocytogenes	... cfu/g	...	...
Clostridium perfringens	≤ 1000 cfu/g	BAM Online, Jan 2001, Chapter 16	Every lot
Yeasts	≤ 10 cfu/g	BAM Online, Apr 2001, Chapter 18	Every lot
Moulds	≤ 10 cfu/g	BAM Online, Apr 2001, Chapter 18	Every lot

Is the analysing firm ISO 17025 or (EN 45001 for EU) qualified? Yes

Is the analysing firm ISO 9001:2000 qualified? Yes

9. Nutrition declaration

ZLI - Oyster sauce MAEKRUJA bt 600ml

(Version 4, approved on 29/02/2024)



Liquid products in ml, solid products in g (20°C)

Nutritionele waarde

energy	
kilojoule (kJ/100g-100ml)	280
kilocalories (kcal/100g-100ml)	67
fat (g/100g-100ml)	0
of which saturates (g/100g-100ml)	0
of which mono-unsaturated fatty acids (g/100g-100ml)	
of which polyunsaturated fatty acids (g/100g-100ml)	
of which trans fatty acids (g/100g-100ml)	
carbohydrate (g/100g-100ml)	16
of which sugars (g/100g-100ml)	11,2
of which polyols (g/100g-100ml)	
of which starch (g/100g-100ml)	
fibre (g/100g-100ml)	1,1
protein (g/100g-100ml)	0,7
salt (g/100g-100ml)	7,6
cholesterol (mg/100g-100ml)	
salatrim (g/100g-100ml)	
alcohol (ethanol) (g/100g-100ml)	
organic acid (mg/100g-100ml)	
Sodium (mg/100g-100ml)	
100g/100ml	100 ml
Prepared/unprepared	Unprepared

According to cooking instruction mentioned on the package. If the nutrition declaration has been filled in for prepared product, then pls. fill in correct instructions at § 11.3. These instructions have to be mentioned on the label as well.

Is the salt content exclusively due to the presence of naturally occurring sodium? No

	Vitamins and Minerals	Amount	Uom	% of recommended daily intake according to EU 1169/2011
Vitamins and Minerals
Vitamins and Minerals
Vitamins and Minerals
Vitamins and Minerals
Vitamins and Minerals
Vitamins and Minerals
Vitamins and Minerals
Vitamins and Minerals

ZLI - Oyster sauce MAEKRUA bt 600ml

(Version 4, approved on 29/02/2024)



Vitamins and Minerals	...	...	...	...
Vitamins and Minerals	...	...	...	...

How are the nutritional values obtained? analysed by certified laboratorium

10. Metal detection and process description

Describe the production process (process flowchart) and mention the critical control points of the process. Complete the CCP list. Add the attachment at the bottom of the document.

Is the product metal detected? No

If yes, detection limits - Ferrous:

If yes, detection limits - Non ferrous:

If yes, detection limits - Stainless steel:

Raw oyster receiving --> oyster removing --> storage --> oyster extraction --> sieving -->

Process description mixing & stirring --> heat processing --> sieving --> filling --> capping --> labeling --> carton packing --> sealing --> delivery

CCP 1:

CCP 2:

CCP 3:

CCP 4:

CCP 5:

11. Packaging and labeling

11.1 Preservation of consumer packaging

Packaging according to Regulation (EC):

No 10/2011 - No 1935/2004 - No 2023/2006 Yes

If yes, add test rapport and declaration of compliance

Bisphenol A free Yes

Atmosphere / Gas packing No

if yes, which method is used?

Vacuum packing No

Pasteurised Yes

if yes time / temperature combination: 95 degree celcius, 5 minutes

Sterilised No

ZLI - Oyster sauce MAEKRUA bt 600ml

(Version 4, approved on 29/02/2024)



if yes time / temperature combination:

Active packaging No

which kind is used (e.g. oxygen absorber/ silica / other sorbents.)

11.2 Method of preparation

Describe how consumers must prepare the product. (Cooking instructions). If the nutritional values have been indicated for the prepared product, these instructions are **obligatory** and have to be printed on the label.

Cooking instructions

12. Ethics

Are the products free of childlabour? Yes

13. Appendix

The product must apply to the following (GMP, HACCP) general properties. The product must be:

- produced with food additives which are allowed according to regulation (EC) No 1333/2008
- free of pathogens, toxins of pathogens, and pathogen viruses, including protozoa of parasites and must comply with commission regulation (EC) No 2073/2005
- free of residues of chemicals like cleaning agents and lubricants.
- comply with the maximum levels for Mosh / Moah
- pesticides, according to EU legislation <http://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/public/?event=homepage&language=EN>
- free of irradiated ingredients.
- comply with the maximum levels for nitrate, aflatoxins, ochratoxin A, patulin, deoxynivalenol, zearalenone, fumonisins, T-2 and HT-2 toxin, lead, cadmium, mercury, tin (inorganic), 3-mcpd, Dioxins, PCBs and Benzo(a)pyrene, etc. according to commission regulation (EC) No 915/2023
- comply with EU legislation on biogenic aminos, commission regulation (EC) No 2073/2005
- free of harmful foreign bodies such as wood, glass, metal, plastic, etc.
- free of pest or damage by pest (insects and rodents).
- free of illegal colourings (sudan red, etc.).

14. Essential packaging requirements

This indicates we comply with manufacturing and composition according to the essential packaging requirements:

- The volume and weight of packaging shall be limited to the minimum quantity where the packaging still meets the functional requirements.

- Reuse or recovery of the packaging shall be possible. The packaging must not contain any hazardous or harmful substances when the packaging is burned or dumped as waste

- The total quantity of heavy metals in the packaging does not exceed a maximum of 100 ppm (100 milligrams per kilogram) per packaging component.

The following reuse method applies to the packaging: (indicate what applies)

ZLI - Oyster sauce MAEKRUUA bt 600ml

(Version 4, approved on 29/02/2024)



- The characteristics of the packaging make it possible to use the packaging several passes, or Yes
- The packaging complies with labour regulations for its processing, or Yes
- The packaging meets the specific requirements for recyclable packaging and therefore has become waste Yes

The following method of recovery applies to the packaging: (indicate what applies)

- A certain percentage by weight of the materials used, may be re-used, or Yes
- The packaging shall produce energy when burned, or Yes
- The packaging can be composted and is biodegradable. No

14.1 Quality systems

Please attach a copy of your quality certificates below the document

- GMP Yes
- HACCP Yes
- BRC No
- IFS No
- ISO 22000 No
- BSCI No
- RSPO No
- Other Certificates (Iso, Halal, Kosher, Laboratory, Environment, Durability, Social compliance, etc.) Halal
- Approval No / EU No:

Only applicable for establishments handling, preparing or producing products of animal origin. Please attach a copy of your certificate

15. Packaging

Packaging hierarchy

TIUD *	GTIN	GTIN 's one level lower	Number of items one level lower	Unique GTINs one level lower	Packaging type	Pallet type	Transport packaging	Number of layers per pallet	Number of cartons per layer

Dimensions and weights

TIUD *	GTIN	Gross weight (g)	Net weight (g)	Drained weight (g)	Height (mm)	Width (mm)	Length (mm)	Diameter (mm)
--------	------	------------------	----------------	--------------------	-------------	------------	-------------	---------------

* Terminology & Unit descriptors :

TIUD : Trade Item Unit Descriptor

PL : Pallet

CS : Case

ZLI - Oyster sauce MAEKRUUA bt 600ml

(Version 4, approved on 29/02/2024)



PK : *Pack / Innerpack*

EA : *Each*

16. Additional information

Additional information Halal no. 045/1998, Thailand number is 3002