## **SINGAPORE STANDARD**

# **Specification for soy sauce**

Confirmed and classified as a mature standard 2022





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## **Acknowledgements**

The confirmation of this Singapore Standard and classifying it as a mature standard was approved on 6 October 2022 by the Food Standards Committee (FSC) under the purview of the Singapore Standards Council.

FSC consists of the following members:

		Name	Representation
Chair	:	Dr Allan Lim	Individual Capacity
Deputy Chair	:	Dr Tan Lee Kim	Singapore Food Agency
Secretary	:	Mr Chew Chon Mun	Singapore Manufacturing Federation – Standards Development Organisation
Members	:	Mr Ang Khim Wee	Singapore Food Manufacturers' Association
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		Ms Bernice Tay	Enterprise Singapore
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Co-opted Member	:	Dr Diana Chan	Individual Capacity

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The Technical Committee on Food Products under FSC undertook the confirmation of this standard. The Technical Committee consists of the following members:

		Name	Representation
Co-Chairs	:	Assoc Prof Graichen Ms Ong Moi Kim	Individual Capacity Individual Capacity
Secretary	:	Ms Sharene Toh	Singapore Manufacturing Federation – Standards Development Organisation
Members	:	Mr Ang Khim Wee	Singapore Food Manufacturers' Association
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		Ms Evelyn Ong	Food Innovation Resource Centre
		Ms Eunice Pang	Health Promotion Board
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		Ms Claire Ariela Shen	Singapore Manufacturing Federation
		Ms Sng Mui Tiang	SETSCO Services Pte Ltd
		Ms Teo Siok Lay	Malaysia Dairy Industries Pte Ltd
		Ms Adelene Yap	Singapore Food Agency

This Singapore Standard having been approved by the Food Standards Committee was endorsed by the Standards Council on 30 November 1998.

First published, 1984 First revision, 1998

The Food Standards Committee appointed by the Standards Council consists of the following members:

		Name	Organisation
Chairman	:	Mr Wong Mong Hong	Standards Council
Secretary	:	Ms Ho Phuy Bee	Singapore Productivity and Standards Board
Members	:	Mr Hamzah Bani	Singapore Malay Chamber of Commerce
		Mr Chong Kok Yoong	Singapore Productivity and Standards Board
		Dr Chua Sin Bin	Primary Production Department
		Mr Goi Seng Hui	Singapore Chinese Chamber of Commerce and Industry
		Dr Kwok Kain Sze	Singapore International Chamber of Commerce
		Dr Patrick Loh Heng Meng	The Association of Small and Medium Enterprises
		Mr Poh Ah Seng	Singapore Food Manufacturers' Association
		Dr Sam Cheuck Tatt/ Ms Joanne Chan Sheot Harn	Institute of Science and Forensic Medicine
		Ms Seah Huay Leng	Ministry of the Environment
		Mr Kirpa Ram Sharma	Singapore Indian Chamber of Commerce and Industry
		Mr Tan Jin Soon	Singapore Article Number Council
		Dr Tan Kok Kheng	Singapore Confederation of Industries
		Mr Teo Hee Peng	Ministry of Defence
		Dr Mabel Yap	Ministry of Health
		Mr Yeoh Guan Huah	Singapore Institute of Food Science and

The Technical Committee on Table Sauces and Spreads appointed by the Food Standards Committee and responsible for the preparation of this standard consists of representatives from the following organisations:

Technology

		Name	Organisation
Chairman	:	Dr Sam Cheuck Tatt	Food Standards Committee
Secretary	:	Ms Bernice Jacob/ Ms Jesline Lim Lay Eng	Singapore Productivity and Standards Board
Members	:	Mr Cheng Kit Tsoi Mrs Kam-Leong Yin Pheng Dr Lien Wen Sze Ms Seah Huay Leng Mr Tan Khieng Sin	Singapore Sauce Manufacturers' Association Singapore Productivity and Standards Board Singapore International Chamber of Commerce Ministry of the Environment Singapore Confederation of Industries

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#### **Foreword**

This Singapore Standard was prepared by the Technical Committee on Table Sauces and Spreads under the direction of the Food Standards Committee.

It is a revision of SS 288 : 1984 – 'Specification for soy sauce'. The revision resulted in major changes to the technical requirements in the standard in line with international requirements and current industry practices.

In preparing this specification, reference was made to the following publications:

- 1. Commercial Item Description for Soy Sauce, USDA A-A-20087A (1987)
- Codex Alimentarius Commission CX/PFV 98/9 Proposal for new standard for soy sauce : Feb 1998
- 3. Chinese National Standard Soy Sauce, CNS 423 N5006-8: 1988
- 4. Malaysian Standard MS 807: 1983 Specification for Soy Sauce
- 5. The Report of the Asean Workshop on soy sauce manufacturing techniques held in Singapore from 22 to 24 January 1978.

Acknowledgement is made for the use of information from these publications.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

#### NOTE

- Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.
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## **Specification for soy sauce**

### 1 Scope

This standard applies to soy sauce, a condiment for edible purposes. Soy sauce in this standard shall consist of two grades in each of the following categories:

- (a) Light soy sauce Grades A and B
- (b) Dark soy sauce Grades A and B

#### 2 Definition

For the purpose of this standard, the definition given below shall apply:

Soy sauce shall be the liquor or product from the fermented mash derived from enzymatic digestion of Koji, and accompanied by further fermentation by yeast and lactic acid bacteria in a solution of salt brine. Koji is a solid culture of *Aspergillus oryzae* or *Aspergillus sojae* on cooked or steamed soya bean/defatted soya bean and wheat/wheat bran. Soy sauce may contain sugar and permitted preservatives. It shall not contain added colouring matter except caramel and the products shall be pasteurised. Light soy sauce shall not have added caramel whereas dark soy sauce may or may not have added caramel.