SINGAPORE STANDARD

Specification for rice vermicelli

Confirmed and classified as a mature standard 2022





SS 237:1980(2022)

(ICS 67.060)

SINGAPORE STANDARD

Specification for rice vermicelli

Published by Enterprise Singapore

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilised in any form or by any means, electronic or mechanical, including photocopying and microfilming, without permission in writing from Enterprise Singapore. Request for permission can be sent to: standards@enterprisesg.gov.sg.

© Enterprise Singapore 1980

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				
		Ms Cyndy Au Sook Sum	Danisco Singapore Pte Ltd				
		Ms Michelle Bin	Innovate 360				
		Mr David Chai	Food Innovation Resource Centre				
		Mr Andrew Chan	Restaurant Association of Singapore				
		Prof William Chen	Nanyang Technological University, Singapore				
		Mr Cheong Chung Kin	Singapore Manufacturing Federation				
		Mr Chew Chee Bin	Singapore Agro-Food Enterprises Federation Limited				
		Ms Chong Nyet Chin	NTUC Fairprice Co-operative Ltd				
		Dr Steven Fong	Republic Polytechnic				
		Ms Laureen Goi	Tee Yih Jia Food Manufacturing Pte Ltd				
		Assoc Prof Ralph Graichen	Biomedical Research Council				
		Mr Richard Khaw	Nanyang Polytechnic				
		Ms Melissa Koh	Health Promotion Board				
		Mr Matthew Kovac	Food Industry Asia				
		Ms Nichol Ng	Foodxervices Inc.				
		Ms Nurul Hidayah	Majlis Ugama Islam Singapore				
		Mr Ong Boon Hock	Commonwealth Capital Pte Ltd				
		Dr Benjamin Smith	Future Ready Food Safety Hub				
		Ms Bernice Tay	Enterprise Singapore				
		Dr Wuang Shy Chyi	Temasek Polytechnic				
		Ms Lianey Yeap	SATS Ltd				
		Prof Zhou Weibiao	National University of Singapore				
Co-opted Member	:	Dr Diana Chan	Individual Capacity				

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
		Ms Chong Nyet Chin	NTUC Fairprice Co-operative Ltd
		Dr Gan Heng Hui	Nanyang Polytechnic
		Ms Verleen Goh	Alchemy Foodtech Pte Ltd
		Dr Leong Lai Peng	National University of Singapore
		Ms Evelyn Ong	Food Innovation Resource Centre
		Ms Eunice Pang	Health Promotion Board
		Mr Thomas Pek	Tai Hua Food Industries Pte Ltd
		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 Industry Standards Committee was endorsed by the Standards Council on 31 March 1980.

First Published, August 1980.

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

	Names	Organisations				
Chairman:	Dr Ngiam Tong Tau	Standards Council				
Deputy Chairman:	Mr Chia Hong Hoe	Department of Scientific Services				
Secretary:	Mrs Lee-Yoong Ngeun Yoon	Singapore Institute of Standards and Industrial Research				
Members:	Dr Chio Kian Sai	Primary Production Department				
	Mr Nah Whee Tuan	Ministry of the Environment				
pt.	Mr Peh Cheng Chuan	Singapore Food Manufacturers' Association				
	Mr Lawrence Sandosham	Central Supplies Department				
	Mrs Soon Meng Wan	Singapore Institute of Standards and Industrial Research				
	Mr Tan Jin Soon	Singapore Manufacturers' Association				
	Mrs Tan Wei Ling	Ministry of Health				
	Mr Eugene Yap	Consumers' Association of Singapore				

The Technical Committee appointed by the Food Industry Standards Committee and responsible for the preparation of this standard, consists of representatives from the following organisations:

	Names	Organisations				
Chairman:	Mr Chia Hong Hoe	Food Industry Standards Committee				
Secretary:	Mrs Tan-Lau Shuk Tack	Singapore Institute of Standards and Industrial Research				
Members:	Mr Chu Sin-I	Ministry of the Environment				
	Mr John Chua	Singapore Manufacturers' Association				
	Dr Lien Wen Sze	Singapore Institute of Standards and Industrial Research				
	Mr Lee Swee Kwee	Singapore Manufacturers' Association				
	Mr Soh Tuan Heng	Singapore Bee Hoon Manufacturers' Association				
	Mr Eugene Yap	Consumers' Association of Singapore				

To keep abreast of technological changes and new technical development in the manufacturing sector, Singapore Standards are subject to periodical review. Revisions of Singapore Standards are announced through the issue either of amendment slips or of revised editions.

CONTENTS

										Page
For	eword -	-	•	-	-	-	-	-	-	4
				SP	ECIFIC	ATION			•	
1.	Scope -	~	-	-	-	-	-	-	-	5
2.	Classification	-		-	-	-	-	-	-	5
3.	Definition	-	-	-	-	-	-	-	-	5
4.	Requirements	**	***	-	· -	-	-	-	-	5
5.	Sampling and	Prepar	ation c	of Test S	ample	-	-	-	-	6
6.	Tests -	**	-	-	-	-	-	-	-	6
7.	Packaging	~			-	-	-	-	-	6
8.	Marking	-	-	-	-	-	-	-	-	6
							•			
				Д	PPENC	ICES				
Α	Determination	of Pr	otein C	ontent -	– Impro	ved Kje	eldahl M	lethod	-	8
В	Determination	of Mo	oisture	Content	: – Air-0	Oven Me	ethod	-	-	10
C	Determination	of To	ntal Sol	ids in Gi	ruel	M		_	_	11

SINGAPORE STANDARD

SPECIFICATION FOR RICE VERMICELLI

FOREWORD

This standard is prepared to establish the desired characteristics and requirements for rice vermicelli popularly known as "Bee Hoon". The product is made mainly from rice and is commonly consumed in this region.

The manufacturing process for rice vermicelli consists of making a dough from milled husked rice and water, with or without other flour, kneading it and then extruding it through an extrusion press, steaming it and finally drying it.

This standard was drawn up by the Technical Committee on Rice Vermicelli under the authority of the Food Industry Standards Committee. It was prepared based on information and data collected by the Institute on products sold in Singapore.

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

- 1. 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.
- An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR.
- 3. Compliance with a SS or TR does not exempt users from any legal obligations.

1. SCOPE

This standard prescribes the requirements and the methods of test for rice vermicelli made essentially from rice.

2. CLASSIFICATION

This standard covers rice vermicelli of 2 types differentiated by its cooking time. One type is known as rice vermicelli whilst the other type with shorter cooking time is known as instant rice vermicelli. The instant rice vermicelli could be flavoured with soup base and edible oil packed in separate sachets.