

SRI LANKA STANDARD 905: 2018
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**SPECIFICATION FOR
CORN (MAIZE) OIL**
(First Revision)

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
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(First Revision)

SLS 905: 2018

Gr. 4

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FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Food Products and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2018-08-10

This Standard was first published in 1990. In this first revision, chemical requirements have been revised and limits for aflatoxins and the levels for heavy metals have been introduced to safeguard the consumers. Fatty acid profile has been inserted to assure the quality of the product.

This Standard is subject to the restrictions imposed under the Sri Lanka Food Act No. 26 of 1980 and the regulations framed thereunder.

For the purpose of deciding whether a particular requirement of this Standard is complied with the final value observed or calculated, expressing the results of a test or analysis shall be rounded off as in accordance with **SLS 102**. The number of significant figures to be retained in the rounded off value shall be the same as that of the specified value in this Standard.

In the revision of this Standard, valuable assistance derived from the relevant publications of the Codex Alimentarius Commission and the Bureau of Indian Standards is gratefully acknowledged.

1 SCOPE

This Standard prescribes the requirements and methods of sampling and test for corn (synonym: maize) oil, derived from corn germ (the embryos of *Zea mays* L.) by the process of expression and/ or extraction.

2 REFERENCES

SLS	102	Rules for rounding off numerical values
SLS	143	Code of practice for general principles of food hygiene
SLS	313	Methods for analysis of animal and vegetable fats and oils
	Part 1/ Section 1	Determination of physical characteristics/ Preparation of test sample
	Part 1/ Section 2	Determination of physical characteristics/ Determination of the relative density at t °C/ t_0 °C in air
	Part 1/ Section 4	Determination of physical characteristics/ Determination of Lovibond colour
	Part 1/ Section 5	Determination of physical characteristics/ Determination of refractive index