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SRI LANKA STANDARD 298 : 1974

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**SPECIFICATION FOR WHITE DISTILLED
COCONUT FATTY ACIDS**

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BUREAU OF CEYLON STANDARDS**

SPECIFICATION FOR WHITE DISTILLED COCONUT FATTY ACIDS

S.L.S. 298 : 1974

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COLOMBO 3.

Sri Lanka Standards are subject to periodical revision in order to accommodate the progress made by industry. Suggestions for improvement will be recorded and brought to the notice of the Committees to which the revisions are entrusted.

This Standard does not purport to include all the necessary provisions of a contract.

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SRI LANKA STANDARD SPECIFICATION FOR WHITE DISTILLED COCONUT FATTY ACIDS

FOREWORD

This Sri Lanka Standard has been prepared by the special committee on Fatty Acids, Margarine, Vegetable Oils and Vegetable Tallow. It was approved by the Agricultural and Chemicals Divisional Committee of the Bureau of Ceylon Standards and was authorised for adoption and publication by the Council of the Bureau on 31st October, 1974.

White distilled coconut fatty acids are derived from the splitting of coconut oil followed by distillation, without separating into different fractions.

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

1. SCOPE

1.1 This standard prescribes the requirements for fatty acids.**

2. DEFINITION

White distilled coconut fatty acids are the total fatty acids obtained by the splitting of coconut oil followed by distillation without separation into different fractions.

* CS 102—Presentation of Numerical Values.

** Note — 'Fatty acids' wherever mentioned in this standard specification shall mean white distilled coconut fatty acids.

3. GRADES

3.1 The material shall be of two grades, namely :

- (a) Grade 1.
- (b) Grade 2.

4. REQUIREMENTS

- 4.1 At all temperatures above the crystallizing point, the fatty acids shall be a clear liquid free from matter in suspension.
- 4.2 Acids present shall be characteristic of those fatty acids present in coconut oil.
- 4.3 Fatty acids shall also comply with the requirements given in Table 1.

TABLE 1 — REQUIREMENTS FOR FATTY ACIDS

Sl. No.	Characteristics	Requirements for		Methods of test according to clause of SLS 316*
		Grade 1	Grade 2	
(1)	(2)	(3)	(4)	(5)
1.	Saponification value min.	265	245	
2.	Acid value min.	265	245	
3.	Unsaponifiable matter per cent by mass max.	1	1	
4.	Iodine value max.	11	20	
5.	Titre °C	23-26	22-26	
6.	Colour Lovibond tintometer through 1 in. cell.			
	(a) Yellow units not more than	1.5	1.5	
	(b) Red units not more than	0.3	0.3	

* SLS 316 Methods of Analysis of Vegetable Oils, fats and fatty materials.

6. PACKING AND MARKING

6.1 Packing — The material shall be packed in suitable containers as agreed to between the purchaser and the supplier and subject to the provisions of law in force in the country for the time being. The material of the container shall not have any adverse effect on the quality of fatty acids.

6.2 Marking —

6.2.1 Each container shall be securely closed and shall be marked with the following :

- (a) The words “white distilled coconut fatty acids.”
- (b) Name of the manufacturer and/or registered trade mark.
- (c) net mass.
- (d) Batch or code number, and
- (e) The words “produce of Sri Lanka”.

7. SAMPLING

The method of drawing representative samples of the material shall be as prescribed in SLS 319*.

* SLS 319 Sampling of Vegetable Oils and Fats.

SLS CERTIFICATION MARK

The Sri Lanka Standards Institution is the owner of the registered certification mark shown below. Beneath the mark, the number of the Sri Lanka Standard relevant to the product is indicated. This mark may be used only by those who have obtained permits under the SLS certification marks scheme. The presence of this mark on or in relation to a product conveys the assurance that they have been produced to comply with the requirements of the relevant Sri Lanka Standard under a well designed system of quality control inspection and testing operated by the manufacturer and supervised by the SLSI which includes surveillance inspection of the factory, testing of both factory and market samples.

Further particulars of the terms and conditions of the permit may be obtained from the Sri Lanka Standards Institution, 17, Victoria Place, Elvitigala Mawatha, Colombo 08.



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