

codex alimentarius commission



FOOD AND AGRICULTURE
ORGANIZATION
OF THE UNITED NATIONS



WORLD
HEALTH
ORGANIZATION

JOINT OFFICE: Viale delle Terme di Caracalla 00100 ROME Tel: 39 06 57051 www.codexalimentarius.net Email: codex@fao.org Facsimile: 39 06 5705 4593

CX 5/15

CL 2000/25A-FO
Addendum to CL 2000/25-FO

TO: Codex Contact Points
Interested International Organizations

FROM: Secretary, Codex Alimentarius Commission, Joint FAO/WHO Food Standards Programme,
FAO, Viale delle Terme di Caracalla, 00100 Rome

SUBJECT: **Standard for Named Vegetable Oils – Proposed Draft Amendment at Step 3**
Additional information

DEADLINE: **31 October 2000 – extended to 30 November 2000**

COMMENTS:

To: Secretary Joint FAO/WHO Food Standards Programme – FAO Viale delle Terme di Caracalla 00100 Rome, Italy Fax: +39 (06) 5705 4593 E-mail: codex@fao.org	Copy to: Miss Catriona Stewart Food Labelling, Standards and Consumer Protection Division – Food Standards Agency PO Box 31037, London SW1P 3WG United Kingdom Fax: +44 20 7238 5782 E-mail: catriona.stewart@foodstandards.gsi.gov.uk
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PROPOSED DRAFT AMENDMENT TO THE STANDARD FOR NAMED VEGETABLE OILS

Additional Information on High Oleic Acid Safflower Oil (provided by Japan)

CL 2000/25-FO (August 2000) includes proposed draft amendments to the *Standard for Named Vegetable Oils* in order to include provisions for High Oleic Safflower Oil and High Oleic Sunflower Oil. The provisions concerning High Oleic Safflower Oil were prepared by Japan. Additional information was recently provided by Japan in order to complete the text of the Standard and add some figures in Tables 3 and 4. The corrections indicated below should be read in conjunction with Annex 2 of CL 2000/25-FO.

Submission of Data on High Oleic Safflower Oil (by Japanese Government)

I. In the “Standard”, there are several points we have to propose as follows.

3. Chemical and physical characteristics (Page 3)

(i) For the item “apparent density”, instead of “awaiting data” we would like to submit 912~914 at 20°C

(ii) For the item “Unsaponifiable matter”, instead of max 1%, we would like to submit =10 g/kg.

4. Identity characteristics (Page 3, 4)

Desmethylsterols (Page 4)

(i) Data in “Levels of Desmethylsterols (%)” should be corrected as follows.

cholesterol = ND~0.5; brassicasterol; = ND~2.2; campesterol =8.9~19.9; stigmasterol = 2.9~8.9; β - sitosterol= 40.1~66.9; δ -5-avenasterol= 0.2~6.1; δ -7-stigmastenol= 3.4~16.4; δ -7-avenasterol= ND~8.3; other desmethylsterols = 5.5~11.9 %

(ii)Regarding “Total desmethylsterols (mg/kg Oil)”, after 2,069~2,915 mg/kg Oil, for refined oil should be added. And 2,100~4,100mg /kg Oil for crude oil should be also added.

Tocols (Page 4)

(i)Regarding Levels of tocopherols (mg/kg Oil),

β - tocopherol instead of “3~13”, it should be ND~13

γ - tocopherol instead of “3~44” it should be ND~44

γ -tocotrienol instead of “ND~3”, it should be ND~10

(ii)Regarding Total tocols

After “245~660 mg/kg Oil” for refined oil should be added.

250~700 mg/kg Oil for crude oil should be also added

II. Regarding “Tables”, there are several points we have to make as follows :

(i)Table 3 (Page 21)

Data on Safflowerseed oil should be replaced with the following:

Cholesterol	<u>ND~0.5</u>	Delta-5-avenasterol	<u>0.2~6.1</u>
Brassicasterol	<u>ND~2.2</u>	Delta -7-stigmastenol	<u>3.4~16.4</u>
Campesterol	<u>8.9~19.9</u>	Delta -7-avenasterol	<u>ND~8.3</u>
Stigmasterol	<u>2.9~8.9</u>	Others	<u>5.5~11.9</u>
Beta-sitosterol	<u>40.1~66.9</u>	Total sterols(mg/kg)	<u>2,100~4,100</u>

(ii)Table 4 (Page 22)

Data on Safflowerseed oil should be replaced with the following:

Beta-tocopherol ND~13

Gamma-tocopherol ND~44

Gamma-tocotrienol ND~10

Total (mg/kg) 250~700 mg/kg