CODEX ALIMENTARIUS COMMISSION

Food and Agriculture Organization of the United Nations

World Health Organization

Viale delle Terme di Caracalla, 00153 Rome, Italy - Tel: (+39) 06 57051 - E-mail: codex@fao.org - www.codexalimentarius.org

Agenda Item 3, 5.1, 5.2, 5.3 **CRD22**

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON FATS AND OILS

Twenty-Sixth Session

Kuala Lumpur, Malaysia, 25 February- 01 March 2019

(Comments from Ghana)

GHANA

Agenda Item 5.1: Change in the Temperature for the Analysis of Refractive Index and Apparent Density of Palm Superolein.

Position: Ghana agrees to the determination of Refractive Index and Apparent Density of Palm Superolein at 30℃.

Rationale: Since Refractive Index is always in relation to temperature and the reason for the proposed change in temperature is purely based on trade issues Ghana has no objection.

Agenda Item 5.2: Replacement of acid value with free fatty acids for virgin palm oil and inclusion of free fatty acids for crude palm kernel oil.

Position: Ghana agrees to the replacement of acid value with free fatty acids because palmitic acid and lauric acid are the predominant fatty acids in Virgin palm oil and Crude palm kernel oil respectively.

Agenda Item 5.3: Revision of the essential composition of sunflower seed oils

Position: Ghana agrees to the GLC ranges and categories of fatty acid composition.

Rationale: Ghana is of the view that in terms of food processing and nutrition, the wider the ranges the more unsaturation and less stable the free fatty acid.

Agenda Item 3: Draft revision to the Standard for Named Vegetable Oils (CXS 2101999): Addition of Palm Oil with High Oleic Acid (OXG) at Step 5

Table 1:

Position: Ghana accepts range for C18:1 since it is above Ghana's average values of 44 – 47.

Table 2:

Chemical and physical characteristics of ~~crude vegetable oils~~ palm oil with high oleic acid

	~~**Palm oil high oleic acid**~~
Relative density (x ºC/water at 20ºC)	**0.8957-0.910 (50 °C/water a 20 ºC)**
Apparent density (g/ml)	**ND**
Refractive index (ND 40ºC)	**1.459-1.462**
Saponification value (mg KOH/g oil)	**189-199**
Iodine value	**58 – 75**
Unsaponifiable matter (g/kg)	**≤12**

Stable carbon isotope ratio *	**-**

Position: Ghana noticed that the table was not properly labeled. It should have been definite that is chemical and physical characteristics (palm oil with high oleic acid). However, Ghana agrees to the new values.