

Schedule XIX
(See rules 3 and 4)

Agmark Grade designation and definition of quality for Palmolein

Definition Quality											
Grade Designation	Moisture and insoluble impurities, percent by weight (max.)	Colour on Lovibond scale in 1/2" cell expressed as (Y+5R) not deeper than	B.R. Reading at 40 degree centigrade	Refractive Index at 40°C	Saponification value	Iodine value (Wij's method)	Unsaponifiable matter, percent by weight (max.)	Acid value (max.)	Cloud point in (°C) (not more than)	Flash point by Pensky Marten (closed cup) method on °C for solvent extracted oil (not less than)	Free Fatty Acids % as Oleic acid (max.)
1	2	3	4	5	6	7	8	9	10	11	12
Raw Grade	0.25	-	43.70 to 52.50	1.4550-1.4610	195-205	50-62	1.2	6.0	-	250	3.0
Refined Grade	0.10	3.0	43.70 to 52.50	1.4550-1.4610	195-205	50-62	1.0	0.5	18.0	250	0.25

Description	General Requirement
13	14
Palmolein shall be the liquid fraction obtained by fractionation of Palm oil derived from the fleshy mesocarp of the fruit oil palm (<i>Elaeis guineensis</i>) tree by the method of expression or solvent extraction. The Palmolein Raw Grade is suitable for making Vanaspati, bakery shortening, margarine and refined Palmolein only and not for direct edible purposes. The Palmolein Refined grade is suitable for direct edible purposes.	Palmolein shall be clear and free from turbidity and sedimentation when a filtered sample is kept at 40°C for 24 hours. Palmolein shall be free from rancidity, adulterants, foreign substances, mineral oils or animal originated oil or fat or any other matter injurious to health, sediments, suspended matter, separated water and added colouring and flavouring substances and obnoxious odour. Palmolein may contain permitted additives not exceeding in concentration as specified under the Prevention of Food Adulteration Rules, 1955. It shall have acceptable taste and odour. If the Palmolein is obtained from solvent extracted Palm oil, it shall be refined before it is supplied for human consumption and Hexane should not be more than 5.0 ppm."

(10) Schedule XVII (A), Schedule XVII (B) and Schedule XVIII of the said rules shall be renumbered as Schedule XX (A), Schedule XX (B) and Schedule XXI respectively.