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(54) Title: PROCESS FOR MANUFACTURING PALM OIL FRACTIONS CONTAINING VIRTUALLY NO 3-MONOCHLOROPROPANEDIOL FATTY ACID ESTERS

(57) Abstract: The present invention relates to a process of manufacturing palm oil fractions containing virtually no 3-monochloropropanediol fatty acid esters (3-MCPD-esters). More particularly, the present invention provides a process of manufacturing a palm oil fraction that contains virtually no 3-MCPD-esters, said process comprising: • fractionating a crude palm oil having a free fatty acid content of less than 1.5% and a diglyceride content of less than 5.5 wt.% to produce at least one crude palm oil fraction, said crude palm oil fraction being selected from crude palm olein having an iodine value of at least 55 and crude palm stearin having an iodine value of less than 48; and • deodorising the crude palm oil fraction to produce a deodorised palm oil fraction having an 3-MCPD-ester content of less than 1 ppm. The invention further provides a method of preparing a food product, said method comprising incorporating into said food product 3-99 wt.% of a palm oil fraction obtained by the aforementioned process.



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