

Refined Bleached Deodorized (RBD) Palm Oil Product Datasheet

Item number: 20-015

Quality standards at loading

Analysis	Value	Method
Free fatty acids, %	max. 0.1	ISO 660
Peroxide Value, meqO ₂ / kg	max. 0.5	ISO 3960
Taste / Odour	neutral / bland	
Phosphorus, ppm	max. 5.0	ICP
Colour, red, Lovibond 5 ¼ "	max. 3.0	AOCS Cc 13e-92 (Lange)

Additional information: Fatty acid composition according to CODEX STAN 210

Analysis	Value	Method
C 14:0 Myristic acid, %	0.5 – 2.0	Gas Chromatography ISO 5508
C 16:0 Palmitic acid, %	39.3 – 47.5	Gas Chromatography ISO 5508
C 18:0 Stearic acids, %	3.5 – 6.0	Gas Chromatography ISO 5508
C 18:1 Oleic acid, %	36.0 – 44.0	Gas Chromatography ISO 5508
C 18:2 Linolenic acid, %	9.0 – 12.0	Gas Chromatography ISO 5508
C 18:3 Linolenic acid, %	ND* – 0.5	Gas Chromatography ISO 5508
C 20:0 Arachidic acid, %	ND* – 1.0	Gas Chromatography ISO 5508
Iodine Value, g I ₂ / 100 g	50 – 55	
Solid Fat Content at 10 °C, %	43 – 56	Puls-NMR IUPAC 2.150 a
Solid Fat Content at 20 °C, %	20 – 30	Puls-NMR IUPAC 2.150 a
Solid Fat Content at 30 °C, %	6 – 13	Puls-NMR IUPAC 2.150 a
Solid Fat Content at 35 °C, %	3 – 8	Puls-NMR IUPAC 2.150 a
Solid Fat Content at 40 °C, %	1 – 5	Puls-NMR IUPAC 2.150 a

*ND = non detectable, defined as = 0.05 % or < 0.05 %

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