

PREMIUM RED PALM OIL

Product Description	Red Palm Oil is processed using Purification system to produce the finest red oil from Natural Palm Fruits.
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Application	Has a wide range of application in foods, skincare, health care industries and natural food colourant.
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Packaging	Corrugated carton boxes - in 750ml glass bottle or 750ml PET bottle.
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Parameters		
PHYSICAL CHARACTERISTICS	By visual checking	
Colour	Reddish orange	
Appearance	Homogenous, transparent and clear liquid	
Taste & flavour	Natural red palm oil. Bland	
Foreign material	Not detected	
Parameters	Standards	Method
CHEMICAL TEST		
Carotene, mg/kg	500 min	MPOB p2.6: 2004
Vitamin E, mg/kg	800 min	AOCS Ce 8-89
Free Fatty Acids (as Palmitic Acid), %	0.20 max	MPOB p2.5: 2004
Moisture & Impurities, %	0.1 max	Karl-fischer vol. titration
Iodine Value (Wijs), meq/kg	56 min	MPOB p3.2: 2004
Melting Point, °C	24 max	AOCS Cc 3-25
Cloud Point, °C	10 max	MPOB p4.3: 2004
HEAVY METAL TEST		
Arsenic (As), mg/kg	≤0.1	AOAC 986.15 and APHA 3120
Lead (Pb), mg/kg	≤0.1	AOAC 999.11 and APHA 3120
Mercury (Hg), mg/kg	≤0.05	AOAC 971.21 and APHA 3120
Cadmium (Cd), mg/kg	≤1.0	AOAC 999.11 and APHA 3120
Antimony (Sb), mg/kg	≤1.0	AOAC 999.11 and APHA 3120

Parameters	Standards	Method
MICROBIOLOGICAL TEST		
Total Plate Count 35°C CFU/gm	<100	AOAC 990.12 (3M Petrifilm)
Yeast 25°C CFU/gm	<10	AOAC 2014.05 (3M Petrifilm)
Mould 25°C CFU/gm	<10	AOAC 2014.05 (3M Petrifilm)
Coliform 35°C CFU/gm	<10	AOAC 998.08 & 991.14 (3M Petrifilm)
Escherichia coli 35°C CFU/gm	<10	AOAC 998.08 & 991.14 (3M Petrifilm)
Salmonella in 25 gm samples	Absent	AOAC 2014.01 (3M Petrifilm)
Staphylococcus aureus 35°C CFU/gm	<10	AOAC 2003.11, 2003.07, 2003.08 (3M Petrifilm)

Nutritional Facts		
Serving Size	750 ml	
Servings per container		
Amount per serving	14 g (1tbsp)	100 g
Calories	120 kcal	900 kcal
Total fat		
Saturated Fat	14 g	100 g
Mono Unsaturated Fat	6.5 g	46.4 g
Fat	5.8 g	41.5 g
Poly Unsaturated Fat	1.7 g	12.1 g
Trans Fat	0 g	0 g
Cholesterol	0 g	0 g
Total carbohydrate	0 g	0 g
Protein	0 g	0 g
Vitamin E	11.2 mg	80.0 mg
Pro Vitamin A	7.0 mg	50.0 mg

Shelf Life	24 months from production date
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Storage	Cool dry area, keep away from direct sunlight
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Delivery condition	Ambient temperature (20 - 35°C)
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