

**GRADE SPECIFICATIONS OF COCONUT OIL AS PER BUREAU OF
INDIAN STANDARDS:**

Sl.No.	Characteristic	Expressed Refined Grade	Grade 1A (Raw)	Grade 1B (Raw)	Grade 2 (Raw)	Refined Grade	Solvent Semi refined	Extracted Grade 1 (Raw)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
i)	Moisture and insoluble impurities Percent of weight max		0.1	0.25	0.25	0.1	0.25	1.0
ii)	Colour in a-1 cell on the Lovibond Scale, expressed as Plus 5R not deeper than	2	4	11	30	2	10	30
iii)	Refractive index at 40% C				1.4480 to 1.4490			
iv)	Specific gravity at 30%				0.915 to 0.920			
v)	Saponification value, Min				250			
vi)	Lodine value (Wijs)	7.5 to 10.0	7.5 to 10.0	7.5 to 10.0	7.5 to 10.0	7.5 to 10.0	7.5 to 13.0	8.0
vii)	Acid value Max	0.5	2.0	6.0	8.0	0.5	1.0	130
viii)	Unsaponifiable matter, percent by Weight, max	0.5	0.8	0.8	0.8	0.5	1.0	10.0
ix)	Polenske value min (Closed deg min)	13.0 -	13.0 -	13.0 -	- -	13.0 22.5	100 90	- -

Of above, refined grades of expressed and solvent extracted types and the Raw Grades 1A and 1B the expressed type are suitable for direct edible consumption. Raw grade 2 of the expressed type and other two grades of the solvent extracted type are suitable for hydrogenation, refining and other industrial uses, and not for direct edible consumption.