

## Typical Product Specifications & Properties

# Coconut Oil 76°

CAS Number: : 8001-31-8

Specifications	Limits
Density	0.903 (04 c)
Surface Tension	33.4 dynescm
Saponification number	255-258
Practically Insoluble	in water
Very Soluble	in chloroform, ether, cs2
Iodine Value	12 max (WIJS)
Solid Fat Index	1.5 max (at 80degF)
Palmitic (C16:0)	9.5
Typical Fatty Acid Composition (%)	
Stearic (C18:0)	3.0
Peroxide Value max	1.0 max
Lauric (C12:0)	46.0

Specifications	Limits
Capric (C10:0)	6.0
Other	<0.5
Myristic (C14:0)	19.0
Linoleic (C18:2)	2.5
Solid Fat Index	50 to 58 (at 50degF)
Flavor	Bland
Color	1.0R max (Lovibond)
Caprylic (C8:0)	7.5
Solid Fat Index	24 to 30 (at 70degF)
Free Fatty Acid	0.05% max
Melting Point	75 to 81 Deg F
A.O.M.(hours)	150 min

Specifications	Limits
Oleic (C18:1)	6.0
Iodine Number	8-9.5
Refractive Index	1.4485-1.4495
Acid Number	6
Flash Point	(cc) 550 f
Solubility	oxygenated and chlorinated solvs.