



PRODUCT SPECIFICATION SHEET

Product name : COSMOS Virgin Coconut Oil
INCI name : Cocos Nucifera Oil
Product code: VCO001
CAS No : 8001-31-8
EINICS No : 232-282-8
Country of origin : Indonesia
Manufacturing method : Expeller pressed, cold process, no solvents added
Shelf life : 2 years
Last reviewed : February 2025

Analysis	Specification	Unit	Method
Appearance at 15 degrees C Appearance at 45 degrees C	Clear white solid Transparent liquid	-	visual
Odour	Characteristic with no rancid notes	-	SNI 7709:2012
Gardner Colour	Max 2	Gardner Units	NEN27608:2010
Peroxide Value	Max 5	Meq O2/kg	SNI 7381:2008 Butir B6
Iodine Value (Wij's)	4 - 11	g I2/100g	SNI 7381:2008 Butir B4
Water	Max 0.2	%	SNI 7381:2008 Butir B4
Relative Density	0.89 - 0.92	g/ml @ 40oC	ISO 6883:2017
Acid value	Max 2	mg KOH/g	SNI 7381:2008 Butir B5
Fatty acid profile			
-Caprylic acid (C8:0)	4 - 10	%	SNI 7381:2008
- Capric acid (C10:0)	5 - 8	%	SNI 7381:2008
- Lauric acid (C12:0)	45 - 54	%	SNI 7381:2008
- Myristic acid (C14:0)	16 - 21	%	SNI 7381:2008
- Palmitic acid (C16:0)	7 - 11	%	SNI 7381:2008
- Stearic acid (C18:0)	2 - 4	%	SNI 7381:2008
- Oleic acid (C18:1)	5 - 10	%	SNI 7381:2008