

**PRODUCT SPECIFICATION SHEET**

Product name : COSMOS Kukui Nut Oil  
INCI name : Aleurites Moluccana Seed Oil  
Product code: KEM001  
CAS No : 8015-80-3  
EINICS No : 273-313-5  
Country of origin : Indonesia  
Manufacturing method : Expeller pressed, no solvents added  
Shelf life : 2 years  
Last reviewed : April 2021

Analysis	Specification	Unit	Method
Appearance	Clear yellow liquid	-	visual
Odour	Characteristic with no rancid notes	-	olfactory
Lovibond Yellow	Max 50	5¼ inch	WV.OIL.9, ISO 15305) "B"
Lovibond Red	Max 5.0	5¼ inch	WV.OIL.9, ISO 15305) "B"
Peroxide Value	Max 20	Meq O2/kg	ISO 3960
Iodine Value (Wij's)	140-160	g I2/100g	EN-ISO 3961
Relative Density	0.90-0.93	g/ml @ 40°C	WV.OIL22, ~ASTM D 4052
Acid Value	Max 6	mg KOH/g	WV.OIL.20, EN-ISO 660
Fatty acid profile			
- Palmitic acid (C16:0)	<10	%	ISO 12966
- Stearic acid (C18:0)	<10	%	ISO 12966
- Oleic acid (C18:1; Omega 9)	15-30	%	ISO 12966
- Linoleic acid (LA) (C18:2; Omega 6)	20-50	%	ISO 12966
- Linolenic acid ALA (C18:3; Omega 3)	20-40	%	ISO 12966