



PRODUCT SPECIFICATION SHEET

Product name : COSMOS Buah Merah Oil
INCI name : Pandanus Conoideus Fruit Oil
Product code: BMO001
Country of origin : Indonesia
Manufacturing method : Expeller pressed, no solvents used
Shelf life : 2 years
Last reviewed : April 2021

Analysis	Specification	Unit	Method
Appearance	Clear red oil	-	visual
Odour	Characteristic with no rancid notes	-	SNI 7709:2012
Lovibond Yellow 1 inch	> 70	1 inch	NEN 27608
Lovibond Red 1 inch	5.0 - 20	1 inch	NEN 27608
Peroxide Value	Max 20	Meq O2/kg	ISO 3960
Iodine Value (Wij's)	45 - 75	g I2/100g	EN-ISO 3961
Relative Density	0.89 - 0.92	g/ml @ 40°C	WV.OIL22, ~ASTM D 4052
Acid Value	Max 10	mg KOH/g	WV.OIL.20, EN-ISO 660
Vitamin E - Tocopherol (sum of isomers)	Min 100	ppm	OIL005 ~AOCS Ce 8-89
beta-Carotene	Min 1000	ppm	OIL010, ~ISO 17932
Omega-3 Fatty Acids	Min 0.3	%	WV.OIL.1, ISO 12966/1,2,4
Omega-6 Fatty Acids	Min 3.5	%	WV.OIL.1, ISO 12966/1,2,4
Omega-9 Fatty Acids	Min 50	%	WV.OIL.1, ISO 12966/1,2,4

*mg/kg is the same as ppm