



## PRODUCT SPECIFICATION SHEET

Product name : Buah Merah Oil  
INCI name : Pandanus Conoideus Fruit Oil  
Product code: BM001  
CAS No : 5989-27-5  
Country of origin : Indonesia  
Manufacturing method : Expeller pressed, no solvents used  
Shelf life : 2 years  
Last reviewed : September 2020

Analysis	Specification	Unit	Method
Appearance	Clear red oil	-	visual
Odour	Characteristic with no rancid notes	-	SNI 7709:2012
Gardner colour	> 20	Gardner units	NEN27608:2010
Lovibond Yellow 5¼ inch	> 120	5¼ inch	NEN27608:2010
Lovibond Red 5¼ inch	> 20	5¼ inch	NEN27608:2010
Lovibond Yellow 1 inch	> 70	1 inch	NEN27608:2010
Lovibond Red 1 inch	12.0	1 inch	NEN27608:2010
Peroxide Value	Max 20	Meq O2/kg	AOCS Cd8b:90(09)
Iodine Value (Wij's)	45 - 75	g I2/100g	AOCS Cd 1b-87
Relative Density	0.895 - 0.905	g/ml @ 40oC	ISO 6883:2017
Acid Value	Max 10	mg KOH/g	SNI 01-3555:1998
beta-Carotene	Min 1000	ppm	ISO 17932:2001
alpha-Tocopherol	Min 100	ppm	HPLC Method
Omega-6 Fatty Acids	Min 3.5	%	AOACS Ce 1-62 & Ce 2-66, 2013
Omega-3 Fatty Acids	Min 0.3	%	AOACS Ce 1-62 & Ce 2-66, 2014
Omega-9 Fatty Acids	Min 50	%	AOACS Ce 1-62 & Ce 2-66, 2015