



Product Specification for Moringa Oleifera Seed Oil

SPECIFICATION

Product Moringa Oleifera Seed Oil
INCI Name Moringa Oleifera Seed Oil
CAS Number 93165-54-9
EINECS 296-941-1
Retest Date 24 months from Manufacture

Chemical and Physical Parameters				
Analysis	Comment	Specification	UOM	Based on method
Refractive index 20 °C	as ND40	1.440-1.475 max	n/a	IUPAC 2.102
Acid Value	as Oleic acid	< 25.0		NEN 660:2009
Peroxide Value		<20.0	Meq O2/kg	AOCS Cd8b:90(09)
Relative density 25 °C		0.913-0.925 max	g/ cm ³	-
Saponification Value		175-195 max	MgKOH/g	ISO3657
Iodine Value	Wijis	50 -77 max	gl2/100g	NEN-ISO 3961
Specific gravity 20 °C		0.905-0.975 max		-
Fatty acid profile			%	EN-ISO 5508/12966- 2
C 16:0		2.0-10.0	%	
C 16:1		0.50-5.0		
C 18:1		65.0-88.0	%	
C 18:2		<5.0	%	
C18:3		<25.0	%	
C 20:0		0.5 -7.0	%	
C 24: 0		<6.0	%	

Extraction Method: Cold Press
Packaging Size: Jerricans 25 kg, white plastic pails 25 kg, 190kg metal drums net
Storage: Store in a cool dry place in a closed Container with minimal headspace
Shelf life: 24 months in original unopened packaging.
Solubility: Insoluble in water. Soluble in natural oils and non-polar organic solvents.
Safety: Refer to SDS. Not considered hazardous.
Revision Date: October, 2020