

Tel: +27(0) 51 943 0317

Mobile: +27(0) 83 303 8253

E-mail: info@highlandessentialoils.co.za



PO BOX 35;

CLOCOLAN 9735;

SOUTH AFRICA

www.highlandessentialoils.co.za

KALAHARI MELON SEED OIL

TECHNICAL DATA SHEET

PRODUCT INFORMATION		PHYSICAL/CHEMICAL PROPERTIES	
PRODUCT INCI NAME	Citrillus lanatus(watermelon) seed oil		min max
BOTANICAL NAME	Citrillus lanatus	SPECIFIC GRAVITY	0.874-0.954
PLACE OF ORIGIN	South Africa	REFRACTIVE INDEX 20°C	0.91-1.51
EXTRACTION METHOD	Cold press	OPTICAL ROTATION (°)	
PART OF PLANT USED	Seeds	SOLUBILITY IN WATER	Insoluble
CULTIVATION	Field grown	FLASH POINT	
SHELF LIFE	3 years	BOILING POINT	
CAS-EINECS		PEROXIDE VALUE	
CAS N°	90063-94-8	SAP VALUE	180-200
CHEMICAL IDENTIFICATION		UNSAAPONIFICATION	
FEMA	290-054-3	IODINE VALUE	120-130
FDA #		FREE FATTY ACIDS	
EINECS / ELINCS		MYRISTIC ACID	<1
REACH PRE-REG.		PALMITIC ACID	8-13%
OTHER NAMES	Karkoer, Mankataan, Tshamma, Wild Melon, Wild Watermelon	PALMITOLEIC	<1
USES	Cosmetic / food	STEARIC ACID	5-11%
		OLEIC ACID	10-29%
		LINOLEIC ACID	55-70%
ASPECT	Liquid	ALPHA- LINOLENIC ACID	<2
COLOR	Colourless to very light yellow-green colour	ARACHIDIC ACID	<1
ODOUR	Very subtle neutral odour	ERUCIC ACID	

STORAGE CONDITIONS: Keep containers closed to minimize oxidation.

Close quickly after opening (<15min) Inert with gas eg. Nitrogen

Keep in original packaging away from light and heat