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MATERIAL SPECIFICATION

SPECIFICATION SHEET	
Product Name:	Macadamia oil - Macadamia olie
Product INCI:	Macadamia Integrifolia
Product Code:	SQ0370270 - OBW037
CAS Number:	128497-20-1 / 129811-19-4
EINECS Number:	N/A
Manufacturing Method:	Expeller Pressed & Refined
Shelf life:	18 months
Documentation Reviewed:	May 2018

Analytical Details	Range %
Appearance	Clear - Light Yellow Oily Liquid
Colour Lovibond (5 ¼ " Cell)	<20Y, <2.0R
Odour	Odourless
Specific Gravity @ 20°C	0.910 - 0.930
Refractive Index @ 20°C	1.465 - 1.470
Saponification Value	187 - 200
Unsaponification Matter	< 1.5
Free Fatty Acid (% as Oleic)	< 1.0
Peroxide Value	< 10.0
Iodine Value	70 - 85
Acid Value	< 2.0

Fatty Acid Profile		Range %
C-Chain	**Acid Name**	
C16:0	Palmitic	6.0 - 12.0
C16:1	Palmitoleic	9.0 - 20.0
C18:0	Stearic	2.0 - 8.0
C18:1	Oleic	50.0 - 67.0
C18:2	Linoleic	3.0 - 7.0
C18:3	Linolenic	< 3.0
C20:0	Arachidic	< 5.0
C20:1	Eicosanoic	< 3.0
C22:0	Behenic	< 2.0
C24:0	Lignoceric	< 2.0

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.Shelf life must be considered as subjective; the shelf life given here is based on the best of our knowledge and experience of the material when stored under recommended conditions, see SDS, in original unopened containers. Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the products in any way.