



PRODUCT SPECIFICATION

Product Name	Kukui Nut Oil Refined				
Date	02/09/2016	Product Code	WHC313	Rev	4
Reason for Revision	Updated to new specification format.				

Description	Oil obtained by expeller pression from the ripe seed of ' <i>Aleurites moluccana</i> ' chemically refined, bleached, deodorised and winterised				
Appearance	Liquid				
Odour	Almost odourless				
Customs Tariff Number	15 15 90 60				
Application	Raw material for cosmetic and pharmaceutical products				
INCI Name	<i>Aleurites moluccana</i>				
CAS Number	8015-80-3	EC Number	-		

TEST SPECIFICATION

Analytical Test	Method	Specification Range
Acid Value mg/KOH/gr	EP 7 (2.5.1.)	Max. 10.0
Peroxide Value (meqO ₂ /kg)	EP 7 (2.5.5.)	Max. 3.0
Specific Gravity (20°C) gr/cm ³	EP 7 (2.2.5.)	0.920-0.930
Refractive index (20°C) nr	EP 7 (2.2.6.)	1.470-1.480
Colour y/r	Lovibond 5¼"	Max. 30/3.0
Iodine Value grI ₂ /100gr	EP 7 (2.5.4.)	130-165
Saponification Value mgKOH/gr	EP 7 (2.5.6.)	188-210
Solubility	-	Insoluble in water, soluble in vegetable oils.
Shelf life	Lab re-check	18 Months from production date

TYPICAL FATTY ACID PROFILE

C16:0 Palmitic Acid %	EP 7 (2.4.22.)	4.0-10.0
C16:1 Palmitoleic Acid %	EP 7 (2.4.22.)	2.0-8.0
C18:0 Stearic Acid %	EP 7 (2.4.22.)	10.0-35.0
C18:1 Oleic Acid %	EP 7 (2.4.22.)	35.0-50.0
C18:2 Linoleic Acid %	EP 7 (2.4.22.)	25.0-40.0

STORAGE/SHELF LIFE

Min. 18 Months from production date when stored in closed containers protected from light.



DISCLAIMER:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product