



The Soap Kitchen

Certificate of Analysis

Description: Coconut Oil (MCT), Fractionated

Batch No: 18269

Inci Name: Medium Chain Triglycerides / Cocos Nucifera (Coconut) Oil

Cas No: 65381-09-1, 73398-61-5

Einecs No: 265-724-3, 277-452-2

ANALYTICAL DETAILS	RANGE	RESULT
PHYSICAL STATUS @25°C	Liquid	Conforms
RELATIVE DENSITY @ 20°C	0.930 – 0.960	0.946
REFRACTIVE INDEX @ 20°C	1.440- 1.452	1.4495
PEROXIDE VALUE	≤ 1.0	0.22
VISOSITY @ 20°C	25 – 33	31
COLOUR (APHA)	≤ 50	10
HYDROXIL VALUE (Meq / kg)	≤ 10.0	1.9
SAPONIFICATION VALUE	325 - 345	332.0
ACID VALUE (KOH/g)	≤ 0.1	0.03

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	CAPRONIC	C6:0	≤ 2.0	0.0
	CAPRYLIC	C 8:0	50 - 80	55.9
	CAPRIC	C10:0	20 - 50	43.4
	LAURIC	C12:0	≤ 3.0	0.2

Production Date: July 2010

Best Before: July 2012

Spec: Z13-14/01

Revised: 27.12.2010 VG