



The Soap Kitchen

Unit 2 D&E Hatchmoor Industrial Estate
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Certificate of Analysis

Description: Plum Kernel Oil, CP

Batch No: 18212

Inci Name: Prunus Domestica Seed Oil

Cas No: N/A

Einecs No: N/A

ANALYTICAL DETAILS	RANGE	RESULT
COLOUR (LOVIBOND 5.25" CELL)	≤ 35y, 3.5r	Complies
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.5
IODINE VALUE (CALC)	90 - 108	complies
PEROXIDE VALUE (Meq / kg)	≤ 15.0	9
SAPONIFICATION VALUE	188 - 200	Complies
UNSATURATED MATTER	≤ 1.0	Complies

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	PALMITIC	C16:0	4.0 – 9.0	5.1
	PALMITOLEIC	C16:1	≤ 1.0	0.7
	STEARIC	C18:0	≤ 3.0	1.3
	OLEIC	C18:1	60.0 – 80.0	70.3
	LINOLEIC	C18:2	15.0 – 25.0	21.2
	ALPHA LINOLENIC	C18:3	≤ 0.5	< 0.10
	ICOSANOIC	C20:0	≤ 0.5	0.10
	ICOSENOIC	C20:1	≤ 0.5	< 0.1
	DOCOSANOIC	C22:0	≤ 0.5	< 0.1

Date Produced: November 2010

Best Before: May 2012

Spec: Z115-34/01

Revised: 21.12.2010 VG