



Certificate of Analysis

Description: Peach Kernel Oil, Refined

Lot No: 85990

Inci Name: Prunus Persica (Peach) Kernel Oil

Cas No: 8002-78-6, 8023-98-1

Einecs No: N/A

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Clear, light yellow liquid	Complies
ODOUR	Almost odourless	Complies
COLOUR (LOVIBOND 5.25" CELL)	≤ 20y, 2.0r	N/D
RELATIVE DENSITY @ 20°C (g/cm ³)	0.910 – 0.920	0.915
REFRACTIVE INDEX @ 20°C (nr)	1.464 – 1.473	1.469
IODINE VALUE (CALC)	95 - 115	105
FREE FATTY ACID (% AS OLEIC)	≤ 0.5	0.1
PEROXIDE VALUE (Meq O ₂ / kg)	≤ 4.0	1.0
SAPONIFICATION VALUE	185 - 195	191
UNSAPONIFIABLE MATTER	≤ 1.5	0.7
ACID VALUE	≤ 1.0	0.2

	ACID NAME	C-CHAIN	RANGE	RESULT
FATTY ACID PROFILE (MAJOR ACIDS)	PALMITIC	C16:0	4.0 - 7.0	6.3
	PALMITOLEIC	C16:1	≤ 1.0	0.1
	STEARIC	C18:0	1.5 - 3.0	2.4
	OLEIC	C18:1	55 - 70	63.3
	LINOLEIC	C18:2	18 - 30	26.1
	ALPHA LINOLENIC	C18:3	≤ 1.5	0.2
	ICOSANOIC	C20:0	≤ 0.5	0.2
	ICOSENOIC	C20:1	≤ 0.5	0.3
	DOCOSANOIC	C22:0	≤ 0.3	0.2
	TETRACOSANOIC	C24:0	≤ 0.5	0.3
	OTHERS		≤ 1.0	N/D

Date Produced: August 2014

Best Before: February 2016

Spec: R00315

12/01/2015