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 EORI Number: GB9358 1151 4000
 Company Number: SC374368



Certificate of Analysis

Description: Safflower Oil, CP, Organic

Lot No: 102063

Inci Name: Carthamus Tinctorius (Safflower) Seed Oil

Cas No: 8001-23-8

Einecs No: 232-276-5

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Clear	Complies
TASTE	Characteristic	Complies
COLOUR	Orange	Complies
ODOUR	Characteristic	Complies
SPECIFIC GRAVITY @ 20°C	0.917 – 0.924	0.920
REFRACTIVE INDEX @ 20°C	1.460 – 1.479	1.474
ACID VALUE	≤ 10.0	9.2
IODINE VALUE (CALC)	136 - 152	145.2
PEROXIDE VALUE (Meq / kg)	≤ 20.0	4.4
UNSATURATED MATTER	≤ 2.0	0.68
SAPONIFICATION VALUE	180 - 200	193

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	MYRISTIC	C14:0	≤ 0.2	0.10
PALMITIC	C16:0	4.0 – 10.0	6.54	
STEARIC	C18:0	1.0 – 5.0	2.30	
OLEIC	C18:1	8.0 – 21.0	12.05	
LINOLEIC	C18:2	68.0 – 83.0	77.3	
ALPHA LINOLENIC	C18:3	≤ 0.5	0.20	
ICOSANOIC	C20:0	≤ 0.5	0.23	
ICOSENOIC	C20:1	≤ 0.5	0.20	
DOCOSANOIC	C22:0	≤ 1.0	0.23	
OTHERS		≤ 1.0	0.66	

Date Produced: December 2014

Best Before: December 2016

R00364
 23/01/2015