

Certificate of Analysis



Raw Material Code: **R00364** Product Description: **Safflower Oil, CP, Organic**

INCI Name: **Carthamus Tinctorius Seed Oil**

EINECS Number: **232-276-5** CAS Number: **8001-23-8**

Date of Production: **March-2017** Best Before: **March-2018**

Lot Number: **L000210998** Retested date:

Analytical Details	Result
Appearance	Yellow oily liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.924
Refractive index @ 20°C	1.476
Peroxide Value (MeqO ₂ /kg)	5.86
Iodine Value	143.4
Acid Value (mg KOH/g)	1.18

Palmitic Acid	C16:0	6.88
Stearic Acid	C18:0	2
Oleic Acid	C18:1	10.5
Linoleic Acid	C18:2	78.1
Alpha Linolenic Acid	C18:3	0.2
Arachidic Acid	C20:0	0.33
Eicosenoic Acid	C20:1	0.18
Behenic Acid	C22:0	0.23