

Certificate of Analysis

Name of Product: Safflower Oil, High Linoleic
Batch Number: BBB2491
INCI Name: Carthamus Tinctorius Seed Oil

Test	Standards/Methods	Results
Description	Oily liquid	-
Colour	Light yellow	-
Odour	Odourless	-
Specific Gravity @ 20°C	0.910 – 0.927	Complies
Refractive Index @ 20°C	1.470 – 1.480	1.4743
Saponification Value	185.0 – 195.0	191.5
Peroxide Value	<10.0	0.0
Iodine Value	140 – 157	145.0
Acid Value	<1.0	0.12

Fatty Acid Profile		Range %	Results
C-Chain	Acid Name		
C16:0	Palmitic	3.0 – 11.0	6.9
C18:0	Stearic	1.0 – 5.5	2.9
C18:1	Oleic	9.0 – 20.0	13.3
C18:2	Linoleic	≥75.0	75.6