

Certificate of Analysis

Name of Product: Grapeseed Oil (Refined)
Batch Number: BBB2454
INCI Name: Vitis Vinifera Seed Oil

Test	Standards/Methods	Results
Description	Oily liquid	-
Colour	Yellowish to green	-
Odour	Odourless	-
Specific Gravity @ 20°C	0.910 – 0.922	0.919
Refractive Index @ 20°C	1.463 – 1.476	1.470
Saponification Value	182.0 – 194.0	190.0
Unsaponifiable Matter	<1.0	Complies
Free Fatty Acid (% as Oleic)	<1.0	0.05
Peroxide Value	<10.0	1.6
Iodine Value	125.0 – 145.0	140.0
Acid Value	<0.5	0.1

Fatty Acid Profile		Range %	Results
C-Chain	Acid Name		
C16:0	Palmitic	6.0 – 8.0	7.2
C16:1	Palmitoleic	<0.5	0.1
C18:0	Stearic	3.0 - 6.0	3.8
C18:1	Oleic	12.0 – 28.0	26.5
C18:2	Linoleic	60.0 – 76.0	60.2
C18:3	Linolenic	<0.5	<0.5
C20:0	Arachidic	<0.5	<0.5