



Escentials of Australia

Certificate of Analysis

Black Cumin Oil
Botanical: *nigella sativa*
Method of Extraction: Cold Pressing
Cas No 90064-32-7



Saponification Value mg KOH/g		194
Free Fatty Acids (as oleic)		4.0%
C:16:0	Palmitic	11.9%
C:16:1	Palmitoleic	0.18%
C:18:0	Stearic	3.0%
C:18:1	Oleic	22.19%
C:18:2	Linoleic	57.0%
C:18:3	Linolenic	0.26%

Batch No 140...

Shelf Life 2 years if stored in a cool dark place.

Retest every 6 months

Compiled Aug 2021

Allergen Warning – this is extracted from seeds and may cause allergens

Colour:

brown/black, some sediment

Odour:

characteristic medium (spicy) odour

Analysis

Saponification Value mg KOH/g	195
Free Fatty Acids (as oleic)	4.30%

C:16:0	Palmitic	11.8%
C:16:1	Palmitoleic	0.19%
C:18:0	Stearic	3.0%
C:18:1	Oleic	22.09%
C:18:2	Linoleic	57.7%
C:18:3	Linolenic	0.26%

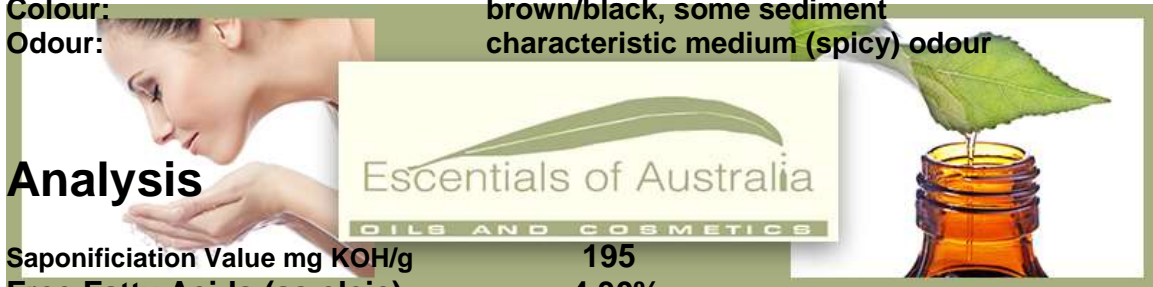
Batch No 130...

Shelf Life 2 years if stored in a cool dark place.

Retest every 6 months

Compiled Jul 2020

Allergen Warning – this is extracted from seeds and may cause allergens



Saponification Value mg KOH/g **194**
Free Fatty Acids (as oleic) **3.75%**

C:16:0	Palmitic	11.8%
C:16:1	Palmitoleic	0.21%
C:18:0	Stearic	3.21%
C:18:1	Oleic	22.9%
C:18:2	Linoleic	60.4%
C:18:3	Linolenic	0.26%

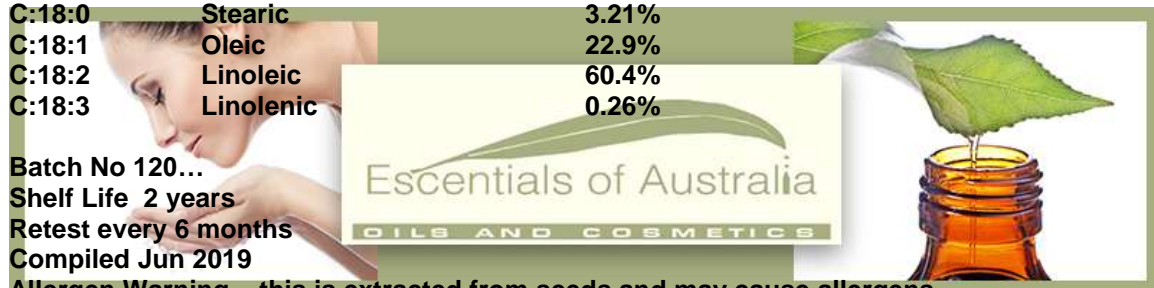
Batch No 120...

Shelf Life 2 years

Retest every 6 months

Compiled Jun 2019

Allergen Warning – this is extracted from seeds and may cause allergens



Analysis

Acid Value

Peroxide Value

Free Fatty Acids (as oleic) **2.6%**

C:16:0	Palmitic	12.76%
C:16:1	Palmitoleic	0.23%
C:18:0	Stearic	3.20%
C:18:1	Oleic	26.64%
C:18:2	Linoleic	57.29%

C:18:3

Linolenic

0.25%

Batch No 100...

Shelf Life 2 years

Retest after one year

Compiled July 2017

