

Certificate of Analysis

Gracefruit Limited
209 Glasgow Road
Longcroft
Bonnybridge
FK4 1QQ

Raw Material Code: R00082

Product Description: Black Cumin Seed Oil, Cold Pressed

INCI Name: Nigella Sativa Seed Oil

EINECS Number: 290-094-1

CAS Number: 90064-32-7

Date of Production: July-2017

Best Before: January-2019

Lot Number: L000236073

Retested date:

Analytical Details	Result
Appearance	Yellow to greenish brown. Clear, oily liquid
Odour	Spicy smell
Relative Density @ 20°C	0.919
Free Fatty Acid	10.28
Saponification Value	192
Acid Value (mg KOH/g)	20.56

Myristic Acid	C14:0	0.2
Palmitic Acid	C16:0	12.4
Palmitoleic Acid	C16:1	0.2
Stearic Acid	C18:0	3.4
Oleic Acid	C18:1	25.7
Linoleic Acid	C18:2	54.6
Alpha Linolenic Acid	C18:3	0.2
Arachidic Acid	C20:0	0.3
Eicosenoic Acid	C20:1	0.3
Eicosadienoic acid	C20:2	2.6
Erucic Acid	C22:1	<0.1