

Certificate of Analysis

Gracefruit Ltd

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: June-2016

Best Before: June-2019

Lot Number: L000173689

Re-test Date: -

Analytical Details	Result
Appearance	Yellow to greenish brown, Clear oily liquid
Odour	Spicy smell
Relative Density @ 20°C	0.911
Free Fatty Acid (% as Oleic)	1.15
Saponification Value	199.8
Acid Value	2.3

Myristic Acid	C14:0	0.19
Palmitic Acid	C16:0	12.34
Palmitoleic Acid	C16:1	0.22
Stearic Acid	C18:0	2.82
Oleic Acid	C18:1	21.41
Linoleic Acid	C18:2	59.14
Alpha Linolenic Acid	C18:3	0.23
Arachidic Acid	C20:0	0.16
Eicosenoic Acid	C20:1	0.37
Eicosadienoic acid	C20:2	2.77
Erucic Acid	C22:1	0.07