

# 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: December-2016

Best Before: December-2018

Lot Number: L000203720

Retested date: 25 January 2017

Analytical Details	Result
Appearance	Yellow to greenish brown. Clear, oily liquid
Odour	Spicy smell
Specific Gravity @ 20°C	0.920
Free Fatty Acid (% as Oleic)	2.77
Saponification Value	193.5
Acid Value (mg KOH/g)	5.51

Myristic Acid	C14:0	0.2
Palmitic Acid	C16:0	12.66
Palmitoleic Acid	C16:1	0.21
Stearic Acid	C18:0	3.17
Oleic Acid	C18:1	58.33
Linoleic Acid	C18:2	58.33
Alpha Linolenic Acid	C18:3	0.27
Arachidic Acid	C20:0	0.2
Eicosenoic Acid	C20:1	0.35
Eicosadienoic acid	C20:2	2.56
Erucic Acid	C22:1	0.02