

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: **January-2017**

Best Before: **January-2019**

Lot Number: **L000208956**

Retested date:

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)	4.17
Saponification Value	192.8
Acid Value (mg KOH/g)	8.34

Myristic Acid	C14:0	0.15
Palmitic Acid	C16:0	10.43
Palmitoleic Acid	C16:1	0.21
Stearic Acid	C18:0	3.01
Oleic Acid	C18:1	21.58
Linoleic Acid	C18:2	60.94
Alpha Linolenic Acid	C18:3	0.26
Arachidic Acid	C20:0	0.26
Eicosenoic Acid	C20:1	0.32
Eicosadienoic acid	C20:2	2.5
Erucic Acid	C22:1	0.03