

Certificate of Analysis

Gracefruit Ltd

Raw Material Code:	R00315	Product Description:	Peach Kernel Oil, RBDW
INCI Name:	Prunus Persica Kernel Oil		
EINECS Number:	- / - / 281-678-7	CAS Number:	8002-78-6 / 8023-98-1 / 84012-34-0
Date of Production:	May-2016	Best Before:	November-2017
Lot Number:	L000167847	Retest Date:	-

Analytical Details	Result
Appearance	Clear , light yellow liquid
Odour	Almost odourless
Specific Gravity (g/ml) @ 20°C	0.916
Refractive Index @ 20°C	1.47
Free Fatty Acid (% as Oleic)	0.1
Peroxide Value (Meq O ₂ /kg)	0.9
Saponification Value	191
Unsaponifiable Matter	0.6
Iodine Value (Calc.)	105
Colour (Lovibond 5.25" Cell)	6y, 0.8r
Acid Value	0.2

Palmitic Acid	C16:0	6.3
Palmitoleic Acid	C16:1	0.1
Stearic Acid	C18:0	2.3
Oleic Acid	C18:1	63
Linoleic Acid	C18:2	26.6
Alpha Linolenic Acid	C18:3	0.2
Arachidic Acid	C20:0	0.2
Eicosenoic Acid	C20:1	0.3
Behenic Acid	C22:0	0.3
Lignoceric Acid	C24:0	0.2