

# Certificate of Analysis

Raw Material Code: R00315

Product Description: Peach Kernel Oil, RBDW

INCI Name: Prunus Persica (Peach) Kernel Oil

EINECS Number: - / - / 281-678-7

CAS Number: 8002-78-6 / 8023-98-1 / 84012-34-0

Date of Production: June-2015

Best Before: December-2016

Lot Number: L000123141

Retest Date: -

Analytical Details	Result
Appearance	Clear, light Yellow liquid
Odour	Almost odourless
Relative Density (g/ml)	0.915
Refractive Index nD20	1.469
FFA	0.1
Peroxide Value (meq O <sub>2</sub> / kg)	0.6
Saponification Value	190
Unsaponifiable Matter (%)	0.7
Iodine Value (Calc.)	107
Colour (Lovibond)	5y - 0.7r
Acid Value (mg KOH/g)	0.2

Palmitic Acid	C16:0	5.9
Palmitoleic Acid	C16:1	0.1
Stearic Acid	C18:0	2.3
Oleic Acid	C18:1	61.8
Linoleic Acid	C18:2	28
Linolenic Acid	C18:3	0.3
Arachidic Acid	C20:0	0.3
Eicosenoic Acid	C20:1	0.3
Behenic Acid	C22:0	0.3
Lignoceric Acid	C24:0	0.2