

# Certificate of Analysis



Raw Material Code:	R00114	Product Description:	Castor Oil, Organic
INCI Name:	Ricinus Communis Seed Oil		
EINECS Number:	232-293-8	CAS Number:	8001-79-4
Date of Production:	May-2017	Best Before:	May-2019
Lot Number:	L000221957	Retested date:	

Analytical Details	Result
Appearance	Clear to pale yellow viscous liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.957
Refractive index @ 20°C	1.479
Peroxide Value MeqO <sub>2</sub> /kg	0.49
Saponification Value	180.7
Iodine Value	86
Acid Value (mg KOH/g)	0.2
Hydroxyl Value (mg KOH/g)	164.15

Palmitic Acid	C16:0	1.19
Stearic Acid	C18:0	1.34
Oleic Acid	C18:1	3.45
Ricinoleic Acid	C18:1 (OH)	88.03
Linoleic Acid	C18:2	4.67
Alpha Linolenic Acid	C18:3	0.47