

Certificate of Analysis

Gracefruit Limited
209 Glasgow Road
Bonnybridge
FK4 1QQ



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:	June-2017	Best Before:	May-2019
Lot Number:	L000229179	Retested date:	

Analytical Details	Result
Appearance	Clear to pale yellow viscous liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.958
Refractive index @ 20°C	1.479
Peroxide Value (MeqO ₂ /kg)	1.78
Saponification Value	180.52
Iodine Value	85.6
Acid Value (mg KOH/g)	0.30
Hydroxyl Value (mg KOH/g)	165.2

Palmitic Acid	C16:0	1.2
Stearic Acid	C18:0	1.31
Oleic Acid	C18:1	3.62
Ricinoleic Acid	C18:1 (OH)	87.87
Linoleic Acid	C18:2	4.73
Alpha Linolenic Acid	C18:3	0.43