

Certificate Of Analysis

Product: White Emu Oil
Batch No: EOA SAI 120
Month of Mfg: Sep 2015

PHYSICO-CHEMICAL PROPERTIES

TESTS	SPECIFICATION	RESULTS
Free Fatty Acid (Wt%)	0.10	0.10
Saponification Value (mg KOH/g)	190 to 200	192
Iodine Value	62 to 105	75
Specific Gravity @ 40 Deg. C	0.897 to 0.920	0.910
Peroxide Value	2 - 5	1.67
Cloud Point (° C)	2 to 5	3
Solubility in Water	Insoluble in Water	Complies
Water Content (W/W)	to 0.20	0.03
Viscosity @ 40 Deg. C (cPs)	31- 48	39
Refractive Index	1.455 to 1.467	1.4665

Fatty Acid Composition

TESTS	SPECIFICATION	RESULTS
Myristic Acid (C 14:0)	0.20 to 0.50	0.30
Palmitic Acid (C 16:0)	17.0 to 23.0	22.70
Palmitoleic Acid (C 16:1)	2.0 to 4.0	3.80
Stearic Acid (C18:0)	7.0 to 11.0	10.40
Oleic Acid (C 18:1)	35.0 to 55.0	49.40
Linoleic Acid (C 18:2)	6.24 to 17.62	12.20