



Certificate of Analysis

Product	Castor Oil Cold Pressed Organic (C, NS)
Batch	0011034
INCI Name	Ricinus Communis Seed Oil
Best Before	June 2023
CAS	8001-79-4
Extraction	Steam Distilled

Analytical Test	Specification Range	Result
Appearance	Clear greenish / Yellow Liquid	Conforms to Standard
Odour	Characteristic	Conforms to Standard
Specific Gravity @ 20°C	0.957 to 0.969	0.960
Refractive Index @ 20°C	1.477 to 1.481	1.4792
Acid Value	<2	0.35
Iodine Value (mg/g)	82 to 90	0.35
Saponification value (mg/Kg)	177 to 187	180.2
Peroxide value(meq/kg)	<10	1.14
Hydroxyl Value (MGKOH)	>150	164.3
Fatty Acid Composition		
C16:0 Palmitic Acid	< 2	1.8
C18:0 Stearic Acid	< 2.5	1.2
C18:1 Oleic Acid	2 to 6	3.55
C18:1 Ricin oleic Acid	85 to 95	88.15
C18:2 Linoleic Acid	1 to 7	4.46
C18:3 Linolenic	< 1	0.63
DOM: 01/06/2021		

Retest: June 2022