

Certificate of Analysis

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Product Name: Castor Oil – Organic

Batch No: LOT0023248

Item	Unit	Range %	Result
Acid Value	%	< 5	0.5
Peroxide Value	mq O2/kg	< 20	1.44
Saponification Value	mg KOH/g	176 – 187	179.96
Iodine Value	gI2/100g	82 – 90	85.16
Refractive Index	@40°C	1.47 – 1.481	1.4786

Acid Name	C-Chain	Range %	Result
Palmitic	C16:0	< 2	1.12
Stearic	C18:0	< 2.5	1.33
Oleic	C18:1	2 – 6	3.51
Ricinoleic	C18:1	85 – 95	88.29
Linoleic	C18:2	1 – 7	4.48