

CERTIFICATE OF ANALYSIS (COA)**Product name:** TUCUMA OIL**Scientific name:** *Astrocaryum vulgare*

Code	Batch	Manufacture Date	Analysis Date	Validity Date
OL1010	06.001.23	March, 18 th 2023	March, 18 rd 2023	March, 17 th 2025

PHYSICAL & CHEMICAL CHARACTERISTICS

Analysis	Specification	Results
Color	Reddish	In accordance
Aspect	Liquid	In accordance
Flavor/smell	Typical	In accordance
Solubility	Water insoluble	Water insoluble
Acidity Index (mg KOH/g)	Max. 20	3,17
Peroxide Index (mEqO ₂ /Kg)	Max. 15	5,43
Iodine Index (gI ₂ /100g)	70 - 110	85,66
Saponification Index (mg KOH/g)	180 - 250	210,26
Palmitic Acid (C16:0)	23 - 28	23,509
Stearic Acid (C18:0)	2 - 3	2,95
Oleic Acid (C18:01)	60 - 68	65,21
Linoleic Acid (C18:2)	1 - 3	1,61
Linolenic Acid (C18:3)	2 - 4	3,00

*Natural raw materials of vegetable origin can suffer color and odor changes between different batches of product

Storage Conditions: Protect from sunlight and high temperature