



Certificate Of Analysis

Product and SKU: Marua Oil TSK-OIL022

Product Name:	Marula Oil Refined		
Customer:	Soap Supplier	Customer Ref:	-
Date:	03/03/2025	Batch no:	49201-02

Analytical Test	Specification	Result
Appearance	Liquid, pale yellow to yellow	Conforms
Odour	Characteristic	Conforms
Specific Gravity @ 20°C (g/ml)	0.910 - 0.925	0.918
Refractive Index @ 20°C	1.462 - 1.479	1.472
Optical Rotation @ 20°C (Degrees)	-10.0 to +10.0	0.0
Acid Value (mgKOH/g)	≤ 1.0	0.07
Iodine value (mg/g)	100.0 - 120.0	104.19
Fatty Acid Profile (%)		
C16:0 Palmitic Acid	≤ 8.0	4.67
C18:0 Stearic Acid	≤ 8.0	2.81
C18:1 Oleic Acid	48.0 - 62.0	54.82
C18:2 Linoleic Acid	27.0 - 47.0	35.1
Packing Date:		03 / 2025
Recommended re-test date:		09 / 2026
Commercial Expiry date:		03 / 2027