



Certificate Of Analysis

Product and SKU: Fractionated Coconut Oil TSK-OIL039

Product Name:	Coconut Oil Fractionated		
Customer:	Soap Supplier	Customer Ref:	-
Date:	06/03/2025	Batch no:	49240/01

Analytical Test	Specification	Result
Appearance	Clear oily liquid, water white to pale yellow at room temperature.	Conforms
Odour	Odourless.	Conforms
Specific Gravity @ 20°C (g/ml)	0.930 - 0.960	0.948
Refractive Index @ 20°C	1.440 - 1.452	1.449
Acid value (mgKOH /g)	≤ 0.2	0.02
Saponification value (mg KOH/g)	310.0 - 360.0	334.7
Viscosity @ 20°C (MPA.S)	25.0 - 33.0	Conforms
Hydroxyl value (mgKOH/g)	≤ 10.0	3.4
Water (%)	≤ 0.2	0.02
Fatty Acid Profile (%)		
C6:0 Caproic Acid	≤ 2.0	0.2
C8:0 Caprylic Acid	50.0 - 80.0	61.6
C10:0 Capric Acid	20.0 - 50.0	37.7
C12:0 Lauric Acid	≤ 3.0	0.4
Packing Date:		03 / 2025
Recommended re-test date:		09 / 2026
Commercial Expiry date:		03 / 2027