



Headland Sada,
Vasco Da Gama- Goa, India

CERTIFICATE OF ANALYSIS

Particular of the Sample : Pure Coconut Oil

Batch Code : HAS1024

Manufacturing Date : 02/10/2024

Date of Receipt Sample : 02/10/2024

Date of Analysis : 02/10/2024

Completion Date: 03/10/2024

Expiry Date: 01/10/2026

Sample Condition : Fit for Analysis

Physical Analysis

Parameters	Test method	Result
Sensory Evaluation	Taste evaluation	Coco aroma
Appearance	Visible method	Clear oil

Chemical Analysis

Parameters	unit	Test method	Result
Moisture	%	+	0.074
Colour on lovibond scale expressed as Y+5R(1" cell)	-	IS 548 part 1 1964 RA 2015	0.1
Refractive index at 40° C	-	IS 548 part 1 1964 RA 2015	1.4481
Free fatty acid (as oleic)	% by wt.	IS 548 part 1 1964 RA 2015	0.120
Saponification value	-	IS 548 part 1 1964 RA 2015	258.64
Iodine Value	-	IS 548 part 1 1964 RA 2015	5.36
Peroxide value	-	IS 548 part 1 1964 RA 2015	0.038
Acid value	-	IS 548 part 1 1964 RA 2015	0.239
Un Saponification value	-	IS 548 part 1 1964 RA 2015	0.245

Microbiological Analysis

Parameters	unit	Test method	Result
Total plate count	Cfu/ml	IS 5402:2012	<10
Yeast & mold	Cfu/ml	IS 5402:2012	<10
Coliforms Count	Cfu/ml	IS 5402:2012	<10
E.coli	Cfu/ml	IS 5887-part 1	Absent
Salmonella	Cfu/25 ml	IS 5887-part 3	Absent

Note: '<10 cfu/ml' is equivalent to 'Absent' as per test method

verified by

(Karthick V)
Senior Chemist

Authorized Signatory

(Achuthan K)
Quality Manager