

Laboratory **Quality Testing Laboratory, Coconut Development Board, Keenpuram, South Vazhakulam, Aluva, Ernakulam, Kerala**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6836 (in lieu of T-3794 & T-3795)** **Page 1 of 2**

Validity **05.02.2018 to 04.02.2020** **Last Amended on --**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

**BIOLOGICAL TESTING**

I.	<b>FOOD AND AGRICULTURAL PRODUCTS</b>			
1.	<b>Nut &amp; Nut Products: Coconut Convenience foods, Desiccated Coconut, Coconut milk, Coconut milk powder and Coconut based soft drinks</b>	Total Plate Count	USFDA (BAM)-Chapter 3	≥ 10 cfu/g > 1 cfu/g or /ml
		Total Coliforms	USFDA (BAM)-Chapter 4	≤ 3 MPN/g to 1100 MPN/g ≤ 3 MPN/ml to 1100 MPN/ml
		Salmonella Spp	USFDA (BAM)-Chapter 5	Qualitative (Present/Absent) /25 g or ml
		Yeast & Mold	USFDA (BAM)-Chapter 18 by Spread plate method	≥ 100 cfu/g ≥ 10 cfu/g or /ml
		S.aureus	USFDA (BAM)-Chapter 12	≥ 10 cfu/g > 1 cfu/g or /ml
		E.coli	IS 5887 (Part-I)	≥ 100 cfu/g ≥ 10 cfu/g or /ml

Laboratory **Quality Testing Laboratory, Coconut Development Board, Keenpuram,  
South Vazhakulam, Aluva, Ernakulam, Kerala**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6836 (in lieu of T-3794 & T-3795)**

Page 2 of 2

Validity **05.02.2018 to 04.02.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

**CHEMICAL TESTING**

I.	<b>FOOD &amp; AGRICULTURAL PRODUCTS</b>			
1.	<b>Coconut and coconut products :</b>			
a.	<b>Coconut Oil Cake (Expressed)</b>	Fat / Oil Content	IS 7874 (Part 1)	6 % to 20 %
b.	<b>Partially Defatted Coconut Powder</b>	Fat /Oil Content	IS 966	20 % to 50 %
c.	<b>Copra /Desiccated Coconut</b>	Fat Content	IS 966	50 % to 75 %
		Moisture	IS 966	1% to 5%
		Total Ash	IS 966	1% to 5%
		Free Fatty Acid as Lauric acid	IS 548 (Part 1)	0.01 to 1.0%
d.	<b>Tender /Matured Coconut Water</b>	Total Soluble solids	IS 14703	3 % to 8%
e.	<b>Coconut Vinegar</b>	Total Soluble solids	IS 14703	1% to 7 %
f.	<b>Coconut Oil / Virgin Coconut Oil</b>	Acid Value	IS 548 (Part 1)	0.1 to 15
		Iodine Value	IS 548 (Part 1)	0.5 to 25
		Saponification Value	IS 548 (Part 1)	240 to 272
		Free Fatty Acid as Lauric acid	IS 548 (Part 1)	0.10% to 1.0%
		Unsaponifiable matter	IS 548 (Part 1)	0.1 %to 0.6%

**K. Soundira Pandian**  
Convenor

**N. Venkateswaran**  
Program Director