

**TEST REPORT**

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TEST REPORT No. : E/2604010  
REPORT ISSUED To : The Patel Brother  
ADDRESS : Rajkot  
SAMPLE COLLECTED BY : Self  
SAMPLE DESCRIPTION : Castor Oil Cold Pressed

DATE OF ISSUE: 08/04/2026

BRAND NAME	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
250 ml	HSN - 15153090	APRIL 2026	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS : 01/04/2026		
01/04/2026	DATE OF COMPLETION OF ANALYSIS : 08/04/2026		

**PHYSICO CHEMICAL PARAMETER:**

SR.NO	TEST PARAMETER	UNIT	METHOD	RESULT
1.	Appearance	-	Visual	Complies
2.	Odor	-	Organoleptic	Characteristic mild odor of Castor Oil
3.	Refractive index (40°C)	-	IS 548 (Part 1)	1.4788
4.	Relative Density (30°C)	-	IS 548 (Part 1)	0.959
5.	Iodine value	g I <sub>2</sub> /100 g	AOCS Cd 1-25	86.2
6.	Free Fatty Acid	%	IS 548 (Part 1)	0.42
7.	Acid value	mg KOH/g	IS 548 (Part 1)	0.84
8.	Moisture insoluble & volatile matter	%	IS 548 (Part 1)	0.14
9.	Hydroxyl value	mg KOH/g	ASTM D1957	165.1
10.	Unsaponifide matter	%	IS 548 (Part 2)	0.49
11.	Saponification value	mg KOH/g	IS 548 (Part 1)	182.6
12.	Color (Lovibond 5¼ cell)	Lovibond scale (R + Y)	AOCS Cc 13e-92	R 0.84 / Y 8.9
13.	Acetyl value	mg KOH/g	AOCS Cd 9-57	145.3
14.	Peroxide value	meq/kg	AOCS Cd 8-53	0.41
15.	Light Absorption @ 270 nm	-	UV Spectrophotometric Method	0.340
16.	Optical Rotation	Degree	AOCS Cc 7-25	+3.6

**REMARKS:**

- This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
- The test report pertains to the sample tested.
- Sample not drawn by Lab representative.
- All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
- The Information about sample, and customer details provided by customer & Testing carried out according to customers request only

*Nayan Vaja*  
Tested By  
NAYAN VAJA



*Dr. Chavda*  
Issues By  
DRASHTI CHAVDA

If you have any complaint/feedback regarding the sample collection, testing, test report please send an email

● Envitro Group Of Companies, 6-Naval Nagar Corner, Mavdi Main Road, Rajkot-360004 Gujrat, India.

● admin@envitrolabs.com ● www.envitrolabs.com ● +91 99042 27274 | 73599 27274