

TEST REPORT

Report Ref. No.:	RKL26270422009	Issue Date:	23.04.2026
ULR No.	TC1604626000002164F	Sample Code No.	26270422009
Name & Address of Company / Person	BHARAT BOTANICS, Plot No., 4C & 4D, Shubham Industrial Area, Rajkot Highway, At. Jamvadi, Gondal		
Name & Address of Seller / Buyer Party	--		
Name & Address of Notify party	NA		
Commodity / Product	Sunflower Oil (Cold Press)	Product Code (Group)	Food & Agricultural Products
Sample Area / Vehicle No.	--	Discipline	Chemical
Sample Seal / Stamp Details	Plastic Lid Seal	Batch No./ Code No./ Bill No.:	--
Quantity of Material	--	Sample Drawn / Submitted By	By Courier
Received Sample Condition	Satisfactory	Quantity of Sample	200ml x 1 (Plastic Bottle)
Date of Mfg.	--	Any Other Information	--
Date of Sampling	--	Date of Exp.	--
Date of Sample Receipt	22.04.2026	Date of Testing	22.04.2026 to 23.04.2026

CHEMICAL ANALYSIS RESULTS

Sr. No.	Particular Test Name	Unit	Analysis Results	F.S. Standard Limits	Test Method
1.	Appearance & Taste	--	Yellow Colour, No Flavour & Oduor	--	Visual Method
2.	F.F.A. / Acid Value	%	0.80%	Max. 3.0% / 6.0%	FSSAI02.009.2021
3.	Moisture & Insoluble Impurities	%	0.078%	Max. 0.10%	FSSAI02.001.2021
4.	Peroxide Value	meq/kg	2.36 meq/kg	Max. 10.0 meq/kg	FSSAI02.042.2021
5.	Refractive Index at 40.0°C	--	1.4662 at 40.0*c	1.4640 to 1.4691	FSSAI02.003.2021
6.	B.R. Reading at 40.0°C	--	60.5 at 40.0°C	57.1 to 65.0	FSSAI02.003.2021
7.	Boudein (Til Oil) Test	--	Negative	Must Be Negative	FSSAI02.013.2021

--- End of the Test Report---

Reviewed By
Mr. Vatsal Vasveliya
(T.M. Chemical)



Authorized By
Mr. Raj Vasveli
(O.M. Chemical)

Warning: THIS IS COMPUTER GENERATED COPY OF REPORT, WE DON'T TAKE ANY KIND OF RESPONSIBILITIES IN CASE OF AFTER CHANGES OR EDITING DONE BY ANY OTHER OUTSIDER PERSON IN REPORT. IF YOU WANT ORIGINAL COPY OF REPORT, FEEL FREE TO CONTACT US.

Note:

Results relates to the Sample Tested Only.

Product data are provided by Customer. Laboratory is not responsible for the data provided by customer, when those affects validity of test results.

Sample Will be Retained by us for a Period of 15 (Fifteen) Days for non-Perishable Items only. Perishable Items will be Destroyed after Completion of test.

Sample Drawn & Submitted by Customer for Analysis Purpose Only. Customer Requested for the Above test only.

This Report Should not be Published, Advertised, Reproduced & Any other Legal Action without Our Special Permission in Writing from

THE DIRECTOR, R.K. ANALYTICAL LABORATORIES PVT. LTD. - JUNAGADH

This Analysis has been Performed under our superior Abilities & Our Responsibilities are Limited to Proven Negligence.



QC-1/306 (19-6-03)

APPROVED BY AGMARK (Govt. of India)
ISO 9001-2008 Certified CompanyInnovation & Quality Providing Food
Testing Company

R. K. ANALYTICAL LABORATORIES PVT. LTD.

Plot No. 1114, G.I.D.C.-2,
Sabalpur, JUNAGADH-362 002.

Mo. 98790 02937

E-mail : rklabqc@yahoo.com

TEST REPORT

Report Ref. No.:	RKL25260312005	Issue Date:	13.03.2026
ULR No.	--	Sample Code No.	25260312005
Name & Address of Company / Person	BHARAT BOTANICS, Plot No., 4C & 4D, Shubham Industrial Area, Rajkot Highway, At. Jamvadi, Gondal		
Name & Address of Seller / Buyer Party	--		
Name & Address of Notify party	NA		
Commodity / Product	Sunflower Oil (Cold Press)	Product Code (Group)	Food & Agricultural Products
Sample Area / Vehicle No.	--	Discipline	Chemical
Sample Seal / Stamp Details	Plastic Lid Seal	Batch No./ Code No./ Bill No.:	--
Quantity of Material	--	Sample Drawn / Submitted By	By Courier
Received Sample Condition	Satisfactory	Quantity of Sample	200ml x 1 (Plastic Bottle)
Date of Mfg.	--	Any Other Information	--
Date of Sampling	--	Date of Exp.	--
Date of Sample Receipt	12.03.2026	Date of Testing	12.03.2026 & 13.03.2026

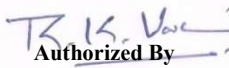
CHEMICAL ANALYSIS RESULTS

Sr. No.	Particular Test Name	Unit	Analysis Results	F.S. Standard Limits	Test Method
1.	Appearance & Taste	--	Yellow Colour, Nutty Smell	--	Visual Method
2.	Colour Index in 1/2" Cell	--	4.3 Units Y-2.8 R-0.3	--	FSSAI02.005.2021
3.	Rancidity	--	Free From Rancid	Free From Rancidity	FSSAI02.043.2021
4.	Iodine Value	%	119.30%	100.0 to 145.0%	FSSAI02.010.2021
5.	Saponification Value	%	192.30%	188.0 to 194.0	FSSAI02.007.2021
6.	Unsaponification Value	%	1.10%	Max. 1.50%	FSSAI02.008.2021
7.	B.T.T. *C	*C	--	--	FSSAI02.012.2021
8.	Castor Test	--	Negative	Must Be Negative	FSSAI02.031.2021
9.	Hold's (Mineral Oil) Test	--	Negative	Must Be Negative	FSSAI02.029.2021
10.	Halphen (Cotton Oil) Test	--	Negative	Must Be Negative	FSSAI02.014.2021
11.	Cloud Point (Palm Oil) Test	--	Negative	Must Be Negative	FSSAI02.015.2021
12.	Argemone Oil Test (By TLC)	--	Negative	Must Be Negative	FSSAI02.032.2021
13.	Flash Point	--	No Flash up to 250*c	No Flash upto 250*C	FSSAI02.004.2021
14.	Antioxidant (T.B.H.Q.) Test	--	--	Max. 200.0 PPM	AOAC 983.15
15.	Vitamin A	--	--	Must Be Positive	IS:5886 (1970)
16.	Vitamin D	--	--	Must Be Positive	IS:5835 (1970)

--- End of the Test Report---


Reviewed By
Mr. Vatsal Vasveliye
(T.M. Chemical)




Authorized By
Mr. Raj Vasveliye
(Q.M. Chemical)

Warning: THIS IS COMPUTER GENERATED COPY OF REPORT, WE DON'T TAKE ANY KIND OF RESPONSIBILITIES IN CASE OF AFTER CHANGES OR EDITING DONE BY ANY OTHER OUTSIDER PERSON IN REPORT. IF YOU WANT ORIGINAL COPY OF REPORT, FEEL FREE TO CONTACT US.

Note:

Results relates to the Sample Tested Only.

Product data are provided by Customer. Laboratory is not responsible for the data provided by customer, when those affects validity of test results.

Sample Will be Retained by us for a Period of 15 (Fifteen) Days for non-Perishable Items only. Perishable Items will be Destroyed after Completion of test.

Sample Drawn & Submitted by Customer for Analysis Purpose Only. Customer Requested for the Above test only.

This Report Should not be Published, Advertised, Reproduced & Any other Legal Action without Our Special Permission in Writing from

THE DIRECTOR, R.K. ANALYTICAL LABORATORIES PVT. LTD. - JUNAGADH

This Analysis has been Performed under our superior Abilities & Our Responsibilities are Limited to Proven Negligence.



QC-1/306 (19-6-03)
APPROVED BY AGMARK (Govt. of India)
ISO 9001-2008 Certified Company



Innovation & Quality Providing Food
Testing Company

R. K. ANALYTICAL LABORATORIES PVT. LTD.

Plot No. 1114, G.I.D.C.-2,
Sabalpur, JUNAGADH-362 002.
Mo. 98790 02937
E-mail : rklabqc@yahoo.com

TEST REPORT

Report Ref. No.:	RKL26270422009	Issue Date:	23.04.2026
ULR No.	TC1604626000002164F	Sample Code No.	26270422009
Name & Address of Company / Person	BHARAT BOTANICS, Plot No., 4C & 4D, Shubham Industrial Area, Rajkot Highway, At. Jamvadi, Gondal		
Name & Address of Seller / Buyer Party	--		
Name & Address of Notify party	NA		
Commodity / Product	Sunflower Oil (Cold Press)	Product Code (Group)	Food & Agricultural Products
Sample Area / Vehicle No.	--	Discipline	Chemical
Sample Seal / Stamp Details	Plastic Lid Seal	Batch No./ Code No./ Bill No.:	--
Quantity of Material	--	Sample Drawn / Submitted By	By Courier
Received Sample Condition	Satisfactory	Quantity of Sample	200ml x 1 (Plastic Bottle)
Date of Mfg.	--	Any Other Information	--
Date of Sampling	--	Date of Exp.	--
Date of Sample Receipt	22.04.2026	Date of Testing	22.04.2026 to 23.04.2026

FATTY ACID ANALYSIS RESULTS

Sr. No.	Particular Test Name	Unit	Analysis Results	F.S. Standard Limits	Test Method
1.	Lauric Acid (C12:0)	%	N.D.	N.D. to 0.30%	FSSAI 02.019:2021
2.	Myristic Acid (C14:0)	%	0.111%	N.D. to 0.30%	
3.	Palmitic Acid (C16:0)	%	6.518%	4.0% to 8.0%	
4.	Palmitoleic Acid (C16:1)	%	0.148%	N.D. to 0.30%	
5.	Stearic Acid (C18:0)	%	4.269%	1.0% to 7.0%	
6.	Oleic Acid (C18:1)	%	31.456%	14.0% to 39.40%	
7.	Linoleic Acid (C18:2)	%	55.554%	48.30% to 74.0%	
8.	Linolenic Acid (C18:3)	%	0.134%	N.D. to 0.30%	
9.	Arachidic Acid (C20:0)	%	0.217%	0.10% to 0.50%	
10.	Gadoleic Acid (C20:1)	%	0.143%	N.D. to 0.30%	
11.	Behenic Acid (C22:0)	%	0.720%	0.30 to 1.50%	
12.	Erucic Acid (22:1)	%	0.105%	N.D. to 0.30%	
13.	Lignoceric Acid (C24:0)	%	0.377%	N.D. to 0.30%	
14.	Elaidic Acid (C18:1n9t)	%	0.040%	--	
15.	Linolelaidic Acid (C18:2n6t)	%	0.208%	--	
16.	Saturated Fatty Acid	%	--	--	
17.	Monounsaturated Fatty Acid	%	--	--	
18.	Polyunsaturated Fatty Acid	%	--	--	
19.	Trans Fatty Acid	%	--	--	

N.D. – Not Detected

--- End of the Test Report---

Reviewed By
Mr. Vatsal Vasveliya
(T.M. Chemical)



Authorized By
Mr. Raj Vasveliya
(Q.M. Chemical)

Warning: THIS IS COMPUTER GENERATED COPY OF REPORT, WE DON'T TAKE ANY KIND OF RESPONSIBILITIES IN CASE OF AFTER CHANGES OR EDITING DONE BY ANY OTHER OUTSIDER PERSON IN REPORT. IF YOU WANT ORIGINAL COPY OF REPORT, FEEL FREE TO CONTACT US.

Note:

Results relates to the Sample Tested Only.

Product data are provided by Customer. Laboratory is not responsible for the data provided by customer, when those affects validity of test results.

Sample Will be Retained by us for a Period of 15 (Fifteen) Days for non-Perishable Items only. Perishable Items will be Destroyed after Completion of test.

Sample Drawn & Submitted by Customer for Analysis Purpose Only. Customer Requested for the Above test only.

This Report Should not be Published, Advertised, Reproduced & Any other Legal Action without Our Special Permission in Writing from

THE DIRECTOR, R.K. ANALYTICAL LABORATORIES PVT. LTD. – JUNAGADH

This Analysis has been Performed under our superior Abilities & Our Responsibilities are Limited to Proven Negligence.