



MODI LABORATORY

Shop No. 1, 2nd Floor, Agrawal Mall, Opp. Bhagwad Vidyapith, S.G. Highway, Ahmedabad-380061.

TESTING CONSULTANTS

» SOIL, CEMENT, STEEL , CONCRETE,

BUILDING MATERIAL TESTING

& CONCRETE MIX DESIGNS.

» QUALITY ASSURANCE SERVICES.

»CHEMICALS, WATER & WASTE WATER, GLASS,
SODIUM SILICATE GLASS&LIQUID, PETROCHEMICALS,
FOOD & PHARMA PRODUCTS ETC.

C.E.O. :

ALPESH L.MODI
M.E.(CHEM),M.S.(ENV),

M.S.(POLLUTION
CONTROL),B.SC(IND.SAFETY)

Mobile No.. 9974046442,

Land Line No. 079 65220038,

EMAIL : modilaboratory@gmail.com

GOVERNMENT APPROVED TESTING LABORATORY

REF. NO. : ML/99854

**SAMPLE SUBMITTED BY : SHREEJI HEALTHCARE PRODUCTS,
GROUND FLOOR,RATNASAGAR APPT.,NR.VARACHHA POLICE STATION,
SURAT,GUJARAT.**

PRODUCT NAME: GROUND NUTT OIL SAMPLE.

MARK:	--		
SITE/VILLAGE/STATE :	AHMEDABAD, GUJARAT	CATEGORY	Operational sample
LOOSE/PACKING :	<u>LOOSE</u>	REPORT NO	<u>ML/99854</u>
QUANTITY :	<u>100 ML</u>	DATE COLLECTED	<u>25/04/2017</u>
TEST BY :	<u>I.S.548</u>	DTE RECEIVED	<u>25/04/2017</u>
<u>SAMPEL CONDITION :</u>	<u>SATISFACTORY</u>	<u>DATE REPORTED</u>	<u>27/04/2017</u>

CERTIFICATE OF ANALYSIS
(SAMPLE DRAWN AND SUBMITTED BY THE PARTY)

SR. NO.	PARAMETER	SOURCE	SPECIFICATION AS PER B.I.S. 548	TEST METHOD
		GROUND NUTT OIL SAMPLE	PERMISSIBLE LIMIT IN THE ABSENCE OF ALTERNATE SOURCE	TEST METHOD

PARAMETERS

1.	APPEARANCE	THE SAMPLE IS CLEAR,FREE FROM RANCIDITY,SUSPENDED OR OTHER FOREIGN MATTERS,SEPARATED WATER,ADDED COLOURING & FLAVORING SUBSTANCES OR MINERAL OIL	IT SHALL BE CLEAR,FREE FROM RANCIDITY,SUSPENDED OR OTHER FOREIGN MATTERS,SEPARATED WATER,ADDED COLOURING & FLAVORING SUBSTANCES OR MINERAL OIL	DGHS MANUAL
2.	COLOUR UNITS MAX(ASY + 10R)	3.76	10 UNITS(IN 1/4" LOVI.CELL)	I.S.548(PART-1)
3.	REFRACTIVE INDEX @ 40 DEG C	1.4643	1.4630 – 1.4660	I.S.548(PART-1)
4.	MOISTURE CONTENT	0.0401%	0.080% MAX	I.S.548(PART-1)
5.	FREE FATTY ACID	0.026%	0.050% MAX	I.S.548(PART-1)
6.	PEROXIDE VALLUE(MILLI EQ/KG)	1.951	2.50 MAX	I.S.548(PART-1)
7.	IODINE VALUE	99.51	98 - 112	I.S.548(PART-1)
8.	SAPONIFICATION VALUE	193.58	190 - 198	I.S.548(PART-1)
9.	UNSAPONIFICATION MATTER	0.37%	0.90% MAX	I.S.548(PART-1)
10.	HOLDE TEST FOR MINERAL OIL	NEGATIVE	NEGATIVE	I.S.548(PART-2)
11.	CASTOR OIL TEST	NEGATIVE	NEGATIVE	I.S.548(PART-2)
12.	BAUDOUIIN TEST	NEGATIVE	NEGATIVE	I.S.548(PART-2)

13.	AGREMONE TEST	NEGATIVE	NEGATIVE	I.S.548(PART-2)
14.	HCN ACID TEST	NEGATIVE	NEGATIVE	I.S.548(PART-2)
15.	B.T.T. TEST DEG C	20.17	19-21	I.S.548(PART-2)
16.	SPECIFIC GRAVITY(30/30 DEG C)	0.9154	0.910 – 0.920	I.S.548(PART-1)
17.	VITAMIN A & D TEST	POSITIVE	POSITIVE	RING TEST
18.	TRICRECYL PHOSPHATE TEST	NEGATIVE	NEGATIVE	I.S.548(PART-2)
19.	HEXANE RESIDUE IN PPM	NOT DETECTED	MAX.10	GC TEST

SR.NO.	PARAMTER	TEST RESULT
1.	OMEGA-3 FATTY ACID CONTENT	1.44%
2.	OMEGA-6 FATTY ACID CONTENT	31.44%
3.	TRANS FAT CONTENT	6.10% BY WEIGHT OF TOTAL FATTY ACIDS
4.	POLY SATURATED FATTY ACID CONTENT	4.11 % BY WEIGHT OF TOTAL FATTY ACIDS
5.	POLY UNSATURATED FATTY ACID CONTENT	3.28% BY WEIGHT OF TOTAL FATTY ACIDS
6.	CHOLESTEROL CONTENT	4.55% BY WEIGHT OF TOTAL FATTY ACIDS

For, Modi Laboratory,

alpesh l. modi

Lab Chemist/M.D.

We are responsible for our report & for this particular sample only sample once taken back will not be repeated & hance, kindly retain the sample with us.

NOTE :

- 1.The Result refer only to the tested sample & applicable parameters, endorsement of products is neither inferred nor implied.
- 2.Total liability of our institution is limited to the invoice amount/testing charges.
- 3.This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- 4.Sample drawn & submitted by the party for analysis unless otherwise stated.
- 5.Modi Laboratory maintains strict confidentiality of all the analysis and test results and customer supplied product and will not reveal this information to third party unless required by the statutory or legal requirement.
- 6.Subject to Ahmedabad Jurisdiction.
- 7.Perishable samples will be destroyed after testing, others after three weeks from the date of issue of the report,unless otherwise agreed with the customer.

8.The sample is accepted by us subject to our general conditions of services which is displayed at reception notice board & is also available on request. Attention is drawn to the limitation of liabilities: indemnification and jurisdictional issues etc defined therein.

9.Customer requested for the above test only.

10.Any complaint regarding this report should be made within a week from the date of the bill.