

## TEST REPORT

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Report No. GLC./191021030

Sample Submitted By Sabar AART Farmer Enterprise Producer Company Limi  
AT/Post :KHeroj  
Taluka : Khedbrahma Sabarkantha-383270

Date of Receipt 21/10/2019

Reference No. Dt- 17/10/2019

Sample Described as Gujarat  
Tur Dal

Batch No. NM  
Mfg.Date NM  
Exp.Date NM  
Sample Qty.: 500 gm

Mode of Packing Sample Packed in Plastic Bag

Sample Condition Satisfactory

Marking --

Analysis Date 21/10/2019

Report Date 23/10/2019

| Sl.                                       | Test Name                           | Results           | Customer / FSSAI Specification | Method of Test    |
|---|-------------------------------------|-------------------|--------------------------------|-------------------|
| <b>CHEMICAL RESIDUES IN FOOD PRODUCTS</b> |                                     |                   |                                |                   |
| 1   | Ochratoxin A mcg/kg                 | B.L.Q.(Q.L.=1.0)  | Max. 20 mcg/kg                 | AOAC 20th Edition |
| 2   | Total Aflatoxin (B1+B2+G1+G2) mg/kg | B.L.Q.(Q.L.=0.5)  | Max. 30 mcg/kg                 | GL/SOP/I-049      |
| 3   | Melamine mg/kg                      | B.L.Q.(Q.L.=0.25) | Max. 2.5 mg/kg                 | By LCMSMS         |
| 4   | Lead (as Pb) mg/kg                  | B.L.Q.(Q.L.=0.02) | Max. 2.5 mg/kg                 | GL/SOP/I-054      |
| 5   | Copper (as Cu) mg/kg                | B.L.Q.(Q.L.=0.02) | Max. 30 mg/kg                  | GL/SOP/I-055      |
| 6   | Arsenic (as As) mg/kg               | B.L.Q.(Q.L.=0.02) | Max. 1.1 mg/kg                 | GL/SOP/I-054      |
| 7   | Tin (as Sn) mg/kg                   | B.L.Q.(Q.L.=0.5)  | Max. 250 mg/kg                 | GL/SOP/I-056      |
| 8   | Zinc (as Zn) mg/kg                  | 1.06              | Max. 50 mg/kg                  | GL/SOP/I-055      |
| 9   | Cadmium (as Cd) mg/kg               | B.L.Q.(Q.L.=0.02) | Max. 1.5 mg/kg                 | GL/SOP/I-054      |
| 10  | Mercury (as Hg) mg/kg               | B.L.Q.(Q.L.=0.02) | Max. 1.0 mg/kg                 | GL/SOP/I-054      |
| 11  | Methyl Mercury mg/kg                | B.L.Q.(Q.L.=0.05) | Max. 0.25 mg/kg                | GL/SOP/I-054      |
| 12  | Aldrin mg/kg                        | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/I-118      |
| 13  | Dieldrin mg/kg                      | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/I-118      |
| 14  | Carbaryl mg/kg                      | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/I-118      |

Conti....

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Testing Facilities for :

Food & Agriculture Products • Water & Waste Water • Pharmaceuticals • Microbiological • Environment • Fertilizer • Soil • Cosmetic • Cattle Feed, etc .

## TEST REPORT

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Report No. GL/C./191021030

| Sl.             | Test Name                      | Results           | Customer / FSSAI Specification | Method of Test |
|-----------------|--------------------------------|-------------------|--------------------------------|----------------|
| <b>CHEMICAL</b> |                                |                   |                                |                |
| 15              | Chlordane mg/kg                | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/-118    |
| 16              | Diazinon mg/kg                 | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/-118    |
| 17              | Dichlorvos mg/kg               | B.L.Q.(Q.L.=0.01) | Max. 0.25                      | GL/SOP/-118    |
| 18              | Fenitrothion mg/kg             | B.L.Q.(Q.L.=0.01) | Max. 0.005                     | GL/SOP/-118    |
| 19              | Heptachlor mg/kg               | B.L.Q.(Q.L.=0.01) | Max. 0.002                     | GL/SOP/-118    |
| 20              | Gamma isomer /Lindane mg/kg    | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/-118    |
| 21              | Malathion mg/kg                | B.L.Q.(Q.L.=0.01) | Max. 1.0                       | GL/SOP/-118    |
| 22              | Phosphamidon mg/kg             | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/-118    |
| 23              | Pyrethrins mg/kg               | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/-118    |
| 24              | Chlorienvinphos mg/kg          | B.L.Q.(Q.L.=0.01) | Max. 0.006                     | GL/SOP/-118    |
| 25              | Chlorpyrifos mg/kg             | B.L.Q.(Q.L.=0.01) | Max. 0.01                      | GL/SOP/-118    |
| 26              | 2,4-D mg/kg                    | B.L.Q.(Q.L.=0.01) | Max. 0.03                      | GL/SOP/-118    |
| 27              | Ethion mg/kg                   | B.L.Q.(Q.L.=0.01) | Max. 0.06                      | GL/SOP/-118    |
| 28              | Monocrotophos mg/kg            | B.L.Q.(Q.L.=0.01) | Max. 0.06                      | GL/SOP/-118    |
| 29              | Trichlorfon mg/kg              | B.L.Q.(Q.L.=0.01) | Max. 0.0125                    | GL/SOP/-118    |
| 30              | Thiometon mg/kg                | B.L.Q.(Q.L.=0.01) | Max. 0.006                     | GL/SOP/-118    |
| 31              | Carbendazim mg/kg              | B.L.Q.(Q.L.=0.01) | Max. 0.12                      | GL/SOP/-118    |
| 32              | Benomyl mg/kg                  | B.L.Q.(Q.L.=0.01) | Max. 0.12                      | GL/SOP/-118    |
| 33              | Carbofuran mg/kg               | B.L.Q.(Q.L.=0.01) | Max. 0.03                      | GL/SOP/-118    |
| 34              | Cypermethrin mg/kg             | B.L.Q.(Q.L.=0.01) | Max. 0.01                      | GL/SOP/-118    |
| 35              | Deltamethrin/Decamethrin mg/kg | B.L.Q.(Q.L.=0.01) | Max. 0.2                       | GL/SOP/-118    |
| 36              | Fenthion mg/kg                 | B.L.Q.(Q.L.=0.01) | Max. 0.03                      | GL/SOP/-118    |
| 37              | Phenthoate mg/kg               | B.L.Q.(Q.L.=0.01) | Max. 0.01                      | GL/SOP/-118    |
| 38              | Phorate mg/kg                  | B.L.Q.(Q.L.=0.01) | Max. 0.01                      | GL/SOP/-118    |
| 39              | Pirimiphos Methyl mg/kg        | B.L.Q.(Q.L.=0.01) | Max. 1.0                       | GL/SOP/-118    |
| 40              | Bitertanol mg/kg               | B.L.Q.(Q.L.=0.01) | Max. 0.05                      | GL/SOP/-118    |
| 41              | Tridemorph mg/kg               | B.L.Q.(Q.L.=0.01) | Max. 0.1                       | GL/SOP/-118    |

Conti....

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## TEST REPORT

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| Sl.             | Test Name           | Results           | Customer / FSSAI Specification | Method of Test |
|-----------------|---------------------|-------------------|--------------------------------|----------------|
| <b>CHEMICAL</b> |                     |                   |                                |                |
| 42              | Propiconazole mg/kg | B.L.Q.(Q.L.=0.01) | Max. 0.05                      | GL/SOP/-118    |
| 43              | Trifluralin mg/kg   | B.L.Q.(Q.L.=0.01) | Max. 0.05                      | GL/SOP/-118    |
| 44              | Isoproturon mg/kg   | B.L.Q.(Q.L.=0.01) | Max. 0.1                       | GL/SOP/-118    |
| 45              | Tebuconazole mg/kg  | B.L.Q.(Q.L.=0.01) | Max. 0.05                      | GL/SOP/-118    |
| 46              | Pyrethrins mg/kg    | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/-118    |
| 47              | Pendimethalin mg/kg | B.L.Q.(Q.L.=0.01) | Max. 0.05                      | GL/SOP/-118    |
| 48              | Trialate mg/kg      | B.L.Q.(Q.L.=0.01) | Max. 0.05                      | GL/SOP/-118    |
| 49              | Isoproturon mg/kg   | B.L.Q.(Q.L.=0.01) | Max. 0.1                       | GL/SOP/-118    |
| 50              | Tebuconazole mg/kg  | B.L.Q.(Q.L.=0.01) | Max. 0.05                      | GL/SOP/-118    |
| 51              | Chlordane mg/kg     | B.L.Q.(Q.L.=0.01) | Not Prescribed                 | GL/SOP/-118    |

Opinion : In the opinion of the undersigned, the sample submitted CONFORM to the above specification.

**N.M.= Not Mentioned, B.L.Q.=Below Limit Of Quantification, Q.L.=Quantification Limit.**

Date of Issue : 23/10/2019

For GUJARAT LABORATORY

Hemal Darji

Autho. Signatory

\*\*\*End of Report\*\*\*

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## TEST REPORT

Page No. 1/2

Report No. GL/NF/191021011  
Sample Submitted By Sabar AART Farmer Enterprise Producer Company Limi Date of Receipt 21/10/2019  
AT/Post :KHeroj Reference No. Dt- 17/10/2019  
Taluka : Khedbrahma Sabarkantha-383270

Gujarat Batch No. NM  
Sample Described as Tur Dal Mfg.Date NM  
Exp.Date NM  
Mode of Packing Sample Packed in Plastic Bag Sample Qty.: 500 gm  
Sample Condition Satisfactory  
Marking --

Analysis Date 21/10/2019

Report Date 24/10/2019

| Sl.                                   | Test Name                     | Results          | Test Method                      |
|---------------------------------------|-------------------------------|------------------|----------------------------------|
| <b>CHEMICAL</b>                       |                               |                  |                                  |
| <b>FOOD AND AGRICULTURAL PRODUCTS</b> |                               |                  |                                  |
| 1                                     | Energy KCal / 100 gm          | 349.12           | UN FAO Chapter 3,2003            |
| 2                                     | Total Fat gm / 100 gm         | 0.96             | GL/SOP/C-196                     |
| 3                                     | Protein gm / 100 gm           | 23.36            | CL. 8 of IS:7219:1973            |
| 4                                     | Carbohydrate gm / 100 gm      | 61.76            | UN FAO Chapter 2,2003            |
| 5                                     | Sugar gm / 100 gm             | 4.12             | AOAC 20th edition 939.03         |
| 6                                     | Total Dietary Fiber gm/100 gm | 9.30             | Clause 5 of IS : 11062           |
| 7                                     | Iron mg/100 gm                | 4.20             | AOAC 20th edition 999.11         |
| 8                                     | Sodium mg/100 gm              | 25.18            | GL/SOP/I-055                     |
| 9                                     | Calcium mg/100 gm             | 140.26           | AOAC 20th edition                |
| 10                                    | Saturated Fat gm/100 gm       | 0.20             | FSSAI Manual of Oils & Fats 2016 |
| 11                                    | Monounsaturated Fat gm/100 gm | 0.15             | FSSAI Manual of Oils & Fats 2016 |
| 12                                    | Polyunsaturated Fat gm/100 gm | 0.60             | FSSAI Manual of Oils & Fats 2016 |
| 13                                    | Trans Fat gm/100 gm           | B.L.Q.(Q.L.=0.1) | FSSAI Manual of Oils & Fats 2016 |
| 14                                    | Cholesterol mg/100 gm         | B.L.Q.(Q.L.=5.0) | AOAC 20th edition                |
| 15                                    | Vitamin D mcg/100 gm          | B.L.Q.(Q.L.=0.2) | AOAC 20th edition                |
| 16                                    | Potassium mg/100 gm           | 970.32           | GL/SOP/C-213                     |

Conti....

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Report No. GL/NF/191021011

**NM= Not Mentioned, B.L.Q.= Below Limit Of Quantification ,Q.L.= Quantification Limit .**

Date of Issue : 24/10/2019

For GUJARAT LABORATORY

  
Rupesh Desai  
Autho. Signatory

\*\*\*End of Report\*\*\*

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