

### TEST REPORT

Doc. No : GTL/D/7.5/02

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<b>Report Issued To :</b> Rachana Guild Private Limited 101/2, Krishna Complex, B/H Ambika Chambers, Adj, Old Gujarat High Court, Ashram Road, Ahmedabad, Gujarat <b>Phone No :</b> 9824255672 <b>Email :</b> --	<b>Test Report No</b> : GTL/07231216005/NS <b>Date of Receipt</b> : 16/12/2023 <b>Date of Issue</b> : 22/12/2023 <b>Customer's Ref. No</b> : N.M
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<b>Sample Described as</b> : Neem Cake <b>Sample Qty</b> : 200 gm <b>Packing Mode</b> : Sample Packed in Plastic Bags <b>Sample Condition</b> : Satisfactory <b>Marking</b> : N.M <b>Sample Drawn By</b> : Customer <b>Date of Starting of Test</b> : 16/12/2023	<b>Mfg. Date</b> : N.M. <b>Exp. Date</b> : N.M. <b>B.No</b> : N.M <b>Date of Completion</b> : 22/12/2023
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Sr No	Quality Characteristics	Result	Test Method
<b>Chemical Fertilizers</b>			
1	Nitrogen %	2.11	FCO-1985
2	Phosphorous %	5.00	FCO-1985
3	Potassium (as K) %	3.95	FCO-1985
4	Total Organic Carbon %	44.17	FCO-1985
5	Sulphur (as S) %	0.90	FCO-1985
6	Neem oil Content %	17.12	FCO-1985
7	Moisture %	8.39	FCO-1985
8	Silica as SiO <sub>2</sub> %	2.10	FCO-1985

Note : NM = Not Mentioned



For NABL Scope



For Verification

\*\*\* END OF REPORT \*\*\*

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji

Autho. Signatory

Note : General Terms & Conditions as mentioned overleaf

Testing Facilities for :

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



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<b>Sample Described as</b> : Bone-Meal <b>Sample Qty</b> : 200 gm <b>Packing Mode</b> : Sample Packed in Plastic Bags <b>Sample Condition</b> : Satisfactory <b>Marking</b> : N.M <b>Sample Drawn By</b> : Customer <b>Date of Starting of Test</b> : 16/12/2023	<b>Mfg. Date</b> : N.M. <b>Exp. Date</b> : N.M. <b>B.No</b> : N.M <b>Date of Completion</b> : 22/12/2023
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Sr No	Quality Characteristics	Result	Test Method
<b>Chemical Fertilizers</b>			
1	Moisture % by wt.	6.55	FCO-1985
2	Acid Insoluble Ash %	3.12	FCO-1985
3	Total Phosphates (as P <sub>2</sub> O <sub>5</sub> ) %	26.63	FCO-1985
4	Total Nitrogen (as N) %	3.69	FCO-1985

Note : NM = Not Mentioned



For NABL Scope



For Verification

\*\*\* END OF REPORT \*\*\*

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		<b>Date of Receipt</b>	<b>: 16/12/2023</b>
		<b>Date of Issue</b>	<b>: 22/12/2023</b>
		<b>Customer's Ref. No</b>	<b>: N.M</b>

<b>Sample Described as</b>	<b>: Castor Cake Powder</b>	<b>Mfg. Date</b>	<b>: N.M.</b>
<b>Sample Qty</b>	<b>: 200 gm</b>	<b>Exp. Date</b>	<b>: N.M.</b>
<b>Packing Mode</b>	<b>: Sample Packed in Plastic Bags</b>	<b>B.No</b>	<b>: N.M</b>
<b>Sample Condition</b>	<b>: Satisfactory</b>		
<b>Marking</b>	<b>: N.M</b>		
<b>Sample Drawn By</b>	<b>: Customer</b>	<b>Date of Completion</b>	<b>: 22/12/2023</b>
<b>Date of Starting of Test</b>	<b>: 16/12/2023</b>		

Sr No	Quality Characteristics	Result	Test Method
<b>Chemical Fertilizers</b>			
1	Moisture %	4.84	FCO-1985
2	Water insoluble organic nitrogen, % (on dry basis)	4.02	FCO-1985
3	Total Ash %	6.97	FCO-1985
4	Acid insoluble Ash %	2.97	FCO-1985

Note : NM = Not Mentioned



For NABL Scope



For Verification

\*\*\* END OF REPORT \*\*\*

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Hemal Darji

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		<b>Date of Receipt</b>	<b>: 16/12/2023</b>
		<b>Date of Issue</b>	<b>: 22/12/2023</b>
		<b>Customer's Ref. No</b>	<b>: N.M</b>

<b>Sample Described as</b>	<b>: City Compost</b>	<b>Mfg. Date</b>	<b>: N.M.</b>
<b>Sample Qty</b>	<b>: 200 gm</b>	<b>Exp. Date</b>	<b>: N.M.</b>
<b>Packing Mode</b>	<b>: Sample Packed in Plastic Bags</b>	<b>B.No</b>	<b>: N.M</b>
<b>Sample Condition</b>	<b>: Satisfactory</b>		
<b>Marking</b>	<b>: N.M</b>		
<b>Sample Drawn By</b>	<b>: Customer</b>	<b>Date of Completion</b>	<b>: 22/12/2023</b>
<b>Date of Starting of Test</b>	<b>: 16/12/2023</b>		

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO-1985/Customer Specification
<b>Chemical Fertilizers</b>				
1	Odour	Absence of foul odour	FCO-1985	Absence of foul odour
2	Colour	Dark Brown to black	FCO-1985	Dark Brown to black
3	Moisture %	18.84	FCO-1985	Max. 25%
4	Bulk Density g/cm <sup>3</sup>	1.0410	FCO-1985	Max. 1.2
5	Total Nitrogen (as N) %	0.91	FCO-1985	Min.0.80
6	Total Phosphates (as P <sub>2</sub> O <sub>5</sub> ) %	1.46	FCO-1985	Min. 0.40
7	Total Potash (as K <sub>2</sub> O) %	0.83	FCO-1985	Min. 0.40
8	Total Organic Carbon %	15.26	FCO-1985	Min.12
9	C:N Ratio	16:1	FCO-1985	Max. 20
10	pH (5% Solution)	7.48	FCO-1985	6.0 to 8.0
11	Conductivity dsm-1 (20 % Solution)	2.3	FCO-1985	Max. 6.0
12	Partical Size (Passes through 4 mm IS Sieve) %	94.56	FCO-1985	Min. 90%
13	Copper (as Cu) mg/kg	7.34	FCO-1985	Max. 300 mg/kg
14	Lead (as Pb) mg/kg	8.12	FCO-1985	Max. 100 mg/kg
15	Nickel (as Ni) mg/kg	4.09	FCO-1985	Max. 50 mg/kg
16	Zinc (as Zn) mg/kg	472.26	FCO-1985	Max. 1000 mg/kg
17	Chromium (as Cr) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 50 mg/kg
18	Arsenic (as As ) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
19	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg

Note : General Terms & Conditions as mentioned overleaf

Testing Facilities for :

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Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO-1985/Customer Specification
20	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
<b>Biological Fertilizers</b>				
1	Salmonella/25 gm	Absent	FCO-1985	Absent

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

CONFORM

Note : NM = Not Mentioned



For NABL Scope



For Verification

\*\*\* END OF REPORT \*\*\*

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor

Autho. Signatory

Note : General Terms & Conditions as mentioned overleaf

Testing Facilities for :

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Sample Described as : <b>Organic Manure</b> Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Bags	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M
Sample Condition : Satisfactory Marking : Tulsi Gold	
Sample Drawn By : Customer Date of Starting of Test : 16/12/2023	Date of Completion : 22/12/2023

Sr No	Quality Characteristics	Result	Test Method
<b>Chemical Fertilizers</b>			
1	Odour	Absence of Foul odour	FCO-1985
2	Colour	Brown	FCO-1985
3	Moisture %	21.67	FCO-1985
4	Bulk Density g/cm <sup>3</sup>	1.0425	FCO-1985
5	Total of Nitrogen (as N) +Phosphate (as P <sub>2</sub> O <sub>5</sub> )+Potash (as K <sub>2</sub> O) %	2.65	FCO-1985
6	Total Nitrogen (as N) %	0.96	FCO-1985
7	Total Phosphates (as P <sub>2</sub> O <sub>5</sub> ) %	1.09	FCO-1985
8	Total Potash (as K <sub>2</sub> O) %	0.60	FCO-1985
9	Total Organic Carbon %	9.72	FCO-1985
10	C:N Ratio	10:1	FCO-1985
11	pH (of 10 % Solution)	7.21	FCO-1985
12	Conductivity dsm-1 (20 % Solution)	2.2	FCO-1985
13	Copper (as Cu) mg/kg	8.12	FCO-1985
14	Partial Size (Passes through 4 mm IS Sieve) %	96.72	FCO-1985
15	Lead (as Pb) mg/kg	7.72	FCO-1985
16	Nickel (as Ni) mg/kg	4.31	FCO-1985
17	Zinc (as Zn) mg/kg	451.20	FCO-1985
18	Chromium (as Cr) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985
19	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985
20	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985

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Sr No	Quality Characteristics	Result	Test Method
21	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985
<b>Biological Fertilizers</b>			
1	Salmonella/25 gm	Absent	FCO-1985

Note : NM = Not Mentioned



For NABL Scope



For Verification

\*\*\* END OF REPORT \*\*\*

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor

Autho. Signatory

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		<b>Date of Receipt</b>	<b>: 16/12/2023</b>
		<b>Date of Issue</b>	<b>: 22/12/2023</b>
		<b>Customer's Ref. No</b>	<b>: N.M</b>

<b>Sample Described as</b>	<b>: Vermi Compost</b>	<b>Mfg. Date</b>	<b>: N.M.</b>
<b>Sample Qty</b>	<b>: 200 gm</b>	<b>Exp. Date</b>	<b>: N.M.</b>
<b>Packing Mode</b>	<b>: Sample Packed in Plastic Bags</b>	<b>B.No</b>	<b>: N.M</b>
<b>Sample Condition</b>	<b>: Satisfactory</b>		
<b>Marking</b>	<b>: N.M</b>		
<b>Sample Drawn By</b>	<b>: Customer</b>		
<b>Date of Starting of Test</b>	<b>: 16/12/2023</b>	<b>Date of Completion</b>	<b>: 22/12/2023</b>

Sr No	Quality Characteristics	Result	Test Method
<b>Chemical Fertilizers</b>			
1	Odour	Absence of foul odour	FCO-1985
2	Colour	Dark Brown to black	FCO-1985
3	Moisture %	38.17	FCO-1985
4	Bulk Density g/cm <sup>3</sup>	0.82	FCO-1985
5	Total of Nitrogen (as N) +Phosphate (as P <sub>2</sub> O <sub>5</sub> )+Potash (as K <sub>2</sub> O) %	2.28	FCO-1985
6	Total Nitrogen (as N) %	0.96	FCO-1985
7	Total Phosphates (as P <sub>2</sub> O <sub>5</sub> ) %	0.79	FCO-1985
8	Total Potash (as K <sub>2</sub> O) %	0.53	FCO-1985
9	Total Organic Carbon %	11.02	FCO-1985
10	C:N Ratio	11:1	FCO-1985
11	pH (of 10 % Solution)	7.25	FCO-1985
12	Conductivity dsm-1 (20 % Solution)	2.4	FCO-1985
13	Copper (as Cu) mg/kg	27.61	FCO-1985
14	Partical Size (Passes through 4 mm IS Sieve) %	95.80	FCO-1985
15	Lead (as Pb) mg/kg	9.46	FCO-1985
16	Nickel (as Ni) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985
17	Zinc (as Zn) mg/kg	108.6	FCO-1985
18	Chromium (as Cr) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985
19	Arsenic (as As ) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985
20	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985

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Sr No	Quality Characteristics	Result	Test Method
21	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985
<b>Biological Fertilizers</b>			
1	Salmonella/25 gm	Absent	FCO-1985

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,  
O.L.=Quantification Limit



For NABL Scope



For Verification

\*\*\* END OF REPORT \*\*\*

FOR, GUJARAT TESTLAB PVT. LTD

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