

## TEST REPORT

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<b>Issued To :</b> Mr.R.A.Premkumar No : 11/245, North Bharathiyar Nagar, Kumarapatty Road, Manaparai, Tiruchirapalli (Dt) – 621306, TN.	<b>Sample Description:</b> 1kg (approx.) of organic manure sample was received in a sealed polythene cover.
	<b>Sample Drawn By:</b> Customer <b>Customer's Ref.:-</b>
<b>Report Number :</b> NAF/LSD/O-F/145/2022-23 <b>Report Date :</b> 21.01.2023 <b>Unique Lab Report No:</b> TC834923000000313F	<b>Sample Received on :</b> 10.01.2023 <b>Analysis Started on :</b> 11.01.2023 <b>Analysis Completed on :</b> 21.01.2023
<b>Lab I.D:</b> NAF/O-F/145	<b>Sample I.D:</b>
<b>Discipline :</b> Chemical	<b>Group :</b> Fertilizers

Parameter	Unit	Results on As-Is-Basis	Test Method	The Fertiliser (Control) Order 1985, Gol - Schedule IV Part A Acceptable Limit for Organic Manure
pH	-	6.00	Biofertilizers and Organic Fertilizers in The Fertilizer (Control)Order1985, Schedule IV - Part D, Schedule II - Part B -3(V)  Methods of Analysis of Soils, Plants, Waters, Fertilisers and Organic manures; Edited by H L S Tandon (FDCO) 2009.	6.5 - 7.5
Electrical Conductivity	µS/cm	3090		Not more than 4000
Moisture	%	5.52		15.0 - 25.0
Total Nitrogen (Kjeldahl)	%	1.68		Minimum 0.5
Total Phosphate as P <sub>2</sub> O <sub>5</sub>	%	1.57		Minimum 0.5
Total Potash as K <sub>2</sub> O	%	0.78		Minimum 0.5
Zinc as Zn	mg/Kg	94.49		< 1000.0
Copper as Cu	mg/Kg	43.36		< 300.0
Lead as Pb	mg/Kg	90.42		< 100.0
Chromium as Cr	mg/Kg	12.55		< 50.0
Cadmium as Cd	mg/Kg	5.13		< 5.0

**Note:** ♦ The above report is applicable only to the sample received and tested. ♦ The tested samples will not be retained after 30 days from the date of issue of the test report. Perishable samples will be destroyed after testing. ♦ Any request for retesting will not be considered after 30 days from the date of issue of the report. ♦ Our report shall not be reproduced wholly or in part and cannot be used as an evidence in the court of law.

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<b>Discipline :</b> Chemical	<b>Group :</b> Fertilizers

Parameter	Unit	Results on As-Is-Basis	Test Method	The Fertiliser (Control) Order 1985, GoI - Schedule IV Part A Acceptable Limit for Organic Manure
Nickel as Ni	mg/Kg	44.56	Biofertilizers and Organic Fertilizers in The Fertilizer (Control) Order 1985, Schedule IV - Part D, Schedule II - Part B -3(V)	< 50.0
Total Organic Carbon	%	28.83		Minimum 14.0
C:N Ratio	-	17:1		<20
Particle Size	%	100.0		Minimum 90% material to pass through 4.00mm IS sieve
Bulk Density	g/cc	0.54		<1.0
Colour	-	Brown		-
Odour	-	Absence of Foul Odour		-

DL- Detectable Limit

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Authorised Signatory

S. Kalimuthupandian

S Kalimuthupandian

Technical Officer

