

NATIONAL AGRO FOUNDATION

Laboratory Services Division

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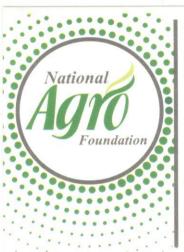
Accredited as per ISO/IEC 17025:2017 Standard by National Accreditation Board for Testing and Calibration Laboratories (NABL), a Constituent Board of Quality Council of India (QCI)

TEST REPORT

Page 1 of 2

Issued To: Mr.R.A.Premkumar	Sample Description: 1kg (approx.) of organic manure sample was received in a sealed polythene cover.	
No : 11/245, North Bharathiyar Nagar,	Sample Drawn By: Customer	
Kumarapatty Road, Manaparai, Tiruchirapalli (Dt) – 621306, TN.	Customer's Ref.: -	
Report Number: NAF/LSD/O-F/145/2022-23	Sample Received on : 10.01.2023	
Report Date : 21.01.2023	Analysis Started on : 11.01.2023	
Unique Lab Report No: TC834923000000313F	Analysis Completed on: 21.01.2023	
Lab I.D: NAF/O-F/145	Sample I.D:	
Discipline : Chemical	Group : 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
рН	-	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 ₂ O ₅	%	1.57		Minimum 0.5
Total Potash as K ₂ 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



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Parameter	Unit	Results on As-Is-Basis	Test Method	The Fertiliser (Control) Order 1985, Gol - Schedule IV Part A Acceptable Limit for Organic Manure
Nickel as Ni	mg/Kg	44.56	Biofertilizers and Organic Fertilizers in The Fertilizer (Control)Order1985, 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	1	Brown		-
Odour		Absence of Foul Odour		

DL- Detectable Limit

Authorised Signatory
S. Kali Muthuragi

S Kalimuthupandian
Technical Officer

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