

TEST REPORT

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Issued To:		Sample Description: 500g (approx.) of agricultural soil sample was received in a polythene cover.	
		Sample Drawn By	Customer
		Customer's Reference	
Report Number	NAF/LSD/S/91/2022-23	Sample Received on	02.05.2022
Report Date	07.05.2022	Analysis Started on	04.05.2022
Unique Lab Report No	TC834922000000707F	Analysis Completed on	06.05.2022
Lab I.D	NAF/S/91	Sample ID	
Discipline	Chemical	Group	Pollution & Environment

S.No.	Parameter	Unit	Results	Test Method
1	pH	-	8.00	Methods of Analysis of Soils, Plants, Waters, Fertilisers and Organic manures; Edited by H L S Tandon (FDCO), 2009 and Guide to Laboratory Establishment for Plant Nutrient Analysis by FAO UN, 2008
2	Electrical Conductivity	mS/cm	0.107	
3	Organic Matter	%	0.67	
4	Nitrate Nitrogen	mg/kg	25.1	
5	Available Phosphorus	mg/kg	12.94	
6	Potassium Exchangeable K	mg/kg	166	
7	Calcium Exchangeable Ca	mg/kg	1124	
8	Magnesium Exchangeable Mg	mg/kg	345	
9	Sodium Exchangeable Na	mg/kg	221	
10	Sulfur Available S	mg/kg	18.3	
11	Zinc Available Zn	mg/kg	1.1	
12	Manganese Available Mn	mg/kg	15.1	
13	Iron Available Fe	mg/kg	7.36	
14	Copper Available Cu	mg/kg	0.79	
15	Boron Available B	mg/kg	0.40	
16	Cation Exchange Capacity (by addition)	meq/100g	9.88	
17	K Saturation	%	4.31	
18	Ca Saturation	%	56.87	
19	Mg Saturation	%	29.09	
20	Na Saturation	%	9.72	

DL - Detectable Limit

Authorised Signatory

R Kalpana
Quality Manager

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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. ♦Our report in full or part shall not be used for any advertising media without our prior written approval.

TEST REPORT

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Issued To :	Sample Description: 1Litre of irrigation water sample was received in a PET Bottle.
	Sample Drawn By: Customer Customer's Ref.:
Report Number : NAF/LSD/W/10/2022-23 Report Date : 27.04.2022 Unique Lab Report No: TC834922000000659F	Sample Received on : 26.04.2022 Analysis Started on : 26.04.2022 Analysis Completed on : 27.04.2022
Lab I.D: NAF/W/10	Sample I.D:
Discipline : Chemical	Group : Water

Parameter	Unit	Results	Test Method
pH @ 25°C	-	7.20	IS 3025 (Part-11) : 1983 / APHA 23 rd Edition;4500 – H+B:2017
Electrical Conductivity @ 25°C	µS/cm	1587	IS 3025 (Part-14) : 1984 / APHA 23 rd Edition;2510 B:2017
Sulphate	mg/L	33.2	IS 3025 (Part-24/ Sec-4): 1988 / APHA 23 rd Edition;4500-SO ₄ : 2017
Chloride	mg/L	150.91	IS 3025 (Part-32 / Sec2): 1988 - APHA 23 rd Edition;4500-Cl- B: 2017
Nitrate	mg/L	3.2	APHA 23rd Edition; 4500-NO ₃ B: 2017
Iron	mg/L	<DL(0.1)	APHA 23rd Edition;3111 B : 2017
Potassium	mg/L	1	APHA 23rd Edition;3111 B : 2017
Calcium	mg/L	121	IS 3025 (Part-40/ Sec-6):1991/ APHA 23 rd Edition, 3111 B :2017
Magnesium	mg/L	36	IS 3025 (Part-46/ Sec-6):1994/ APHA 23 rd Edition, 3111 B :2017
Sodium	mg/L	69	APHA 23rd Edition;3111 B : 2017
Carbonate as CaCO ₃	mg/L	Nil	IS 3025 (Part 51) : 2001-IS 3025 (Part-23):1986
Bicarbonate as CaCO ₃	mg/L	341.7	IS 3025 (Part 51) : 2001-IS 3025 (Part-23):1986
Residual Sodium Carbonate	m.eq/L	Nil	IS 11624 :1986 (Reaffirmed 2001)
Sodium Adsorption Ratio	-	1.41	IS 11624 : 1986 (Reaffirmed 2001)

DL - Detectable Limit

Authorised Signatory

S Kalimuthupandian
Technical Officer

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