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Nutri Bio-Sciences

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TEST REPORT

Sample Description	Premium Calcium, Nitrate Buffered, Cocopeat Substrate		
Report No.	UNBS/26-27-2005	Batch No	NA
Received Date	18-07-2026	MFG Date	NA
Start of Analysis	18-07-2026	Exp Date	NA
End of Analysis	23-07-2026	Sample Condition	ok
Report Release Date	23-07-2026	Sample Qty. (Appx)	1 kg
Sample Submitted By	Vexovian Overseas, B1-302, Woodsville Phase 1, Borhadewadi, Moshi, Pimpri Chinchwad, Pune, Maharashtra, PUNE - 412104 / 412105		
Test Report Issued To	Vexovian Overseas, B1-302, Woodsville Phase 1, Borhadewadi, Moshi, Pimpri Chinchwad, Pune, Maharashtra, PUNE - 412104 / 412105		

SAMPLE PARTICULARS

SN	Parameter	Unit	limit	Result	Test method
Physical Parameter					
1	Moisture Content	%	~ 15.0%	13.42	IS 7028 / In-House
2	pH Value (1:5 extract)	-	5.50 - 6.50	6.18	IS 2720 (Part 26)
3	Electrical Conductivity (EC)	mS/cm	Low EC (< 0.80)	0.32	IS 14767
4	Bulk Density	g/cm ³	0.08 - 0.12	0.10	In-House Standard
5	Water Holding Capacity	%	High Absorption (>700)	742.36	In-House Standard
6	Air Porosity	%	20.00 - 35.00	28.64	In-House Standard
7	Fines / Dust Content (<1mm)	%	< 3.0%	2.18	Sieve Analysis
8	Calcium (Ca)	mg/L	800 - 2000	1368.54	ICP-OES / AAS
9	Nitrate (NO ₃)	mg/L	50 - 250	128.72	Ion Chromatography
10	Sodium (Na)	mg/L	≤ 100	42.36	AAS / ICP-OES
11	Potassium (K)	mg/L	200 - 800	468.25	AAS / ICP-OES
12	Chloride (Cl)	mg/L	≤ 100	36.84	Titrimetric / IC
13	Cation Exchange Capacity (CEC)	meq/100g	60 - 120	92.48	In-House Standard
14	Organic Matter	%	> 85.0%	95.86	IS 2720 (Part 22)
Heavy Metals					
1	Lead (Pb)	mg/kg	Max 10.0 ppm	< 0.10 ppm	ICP-MS
2	Cadmium (Cd)	mg/kg	Max 5.0 ppm	< 0.05 ppm	ICP-MS
3	Arsenic (As)	mg/kg	Max 10.0 ppm	< 0.10 ppm	ICP-MS
4	Mercury (Hg)	mg/kg	Max 1.0 ppm	< 0.01 ppm	ICP-MS



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Microbial Parameter					
1	Total Plate Count (TPC)	cfu/g	< 10 ⁴ cfu/g	2.1 x 10 ²	IS 5402
2	Yeast & Mould Count	cfu/g	< 10 ² cfu/g	< 10	IS 5403
3	E. coli & Salmonella	Per gm	Absent	Absent	IS 5887

Remarks: The sample has been tested as per standard procedures.

*** End of the Report ***



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