



DEPARTMENT OF AGRICULTURE
ANALYTICAL REPORT OF BIOFERTILIZER SAMPLE

No. B/25/2022-23.

Date: 13.02.2023.

Government of Tamil Nadu
Tmt. K.Kavitha, M.Sc. (Ag)
Senior Agricultural Officer,
Biofertiliser Quality Control Laboratory,
Government Multistoried Building Complex,
Kajamalai Colony, J.M.College Post,
Mannarpuram, Trichy – 620 020.

To

ADHITI BIOEARTH SOLUTIONS PVT LTD

Siruganur

Trichy-05

The analysis report of biofertiliser sample forwarded vide your reference

Lr.No: NIL Dated :07.02.2023 as per details given below.

(1)	Name of Bio fertilizer	:	NPK CONSORTIA(Carrier) Batch No:060223
(2)	Date of receipt of the Sample in the Laboratory	:	07.02.2023
(3)	Laboratory sample No	:	P67/2022-23
(4)	Date of analysis of sample	:	13.02.2023

P.T.O.

(7) Analysis of the biofertiliser (on fresh weight basis)

Sl. No	Details	Specification as per FCO Carrier Consortia	Composition as per analysis	Variation	Permissible tolerance limit
1	2	3	4	5	6
(A)	Microbial Characteristics (i) Total Viable cell count :	min 3×10^7 CFU /gm of carrier	Azospirillum - 16×10^7 PSB- 50×10^7 KMB- 30×10^7	-----	Not less than 1×10^7 CFU/gm of carrier
(B)	Efficiency Characteristics 9) Carrier Based Consortia	i) Formation of white pellicle in semi solid Nitrogen free bromothymol blue media. ii) Solubilisation Zone formation Minimum 5mm Zone of 3mm Thickness, The strain should be capable of solubilizing atleast 30mg/litre of Phosphorus in liquid broth iii) Minimum 10mm solubilisation Zone of 3mm Thickness The strain should be capable of solubilizing atleast 20mg/litre of Potash in liquid broth	Positive	-----	

Remarks: The Analytical value of the sample is declared as above

Signature of the Incharge
(Testing Laboratory)
Senior Agricultural Officer,
Biofertiliser Quality Control Laboratory,
Trichy - 620 020.