



# VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC, FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

## CERTIFICATE OF ANALYSIS

<b>Issued To:</b> <b>Sri Gayathri Biotec.</b> Near Ayyappa Swamy Temple, G.B.C road, Kattempudi, Ponnur-522124, Guntur Dt, Andhra Pradesh.		Issued Date	11.05.2019
		Our Ref No	TC-506419000008806P
		P.O No/Your Ref	As per discussion with Mr. Balaji Kumar
		PO Date/Ref date	04.05.2019
		Mode of Packing	Self Lock Cover
Sample description	<b>Phosphate Rich Organic Manure (PROM) Batch-I</b>	Sample condition of testing	Found Ok
Appearance of the Sample	Dark Brown Color Powder	Sample Quantity	1.0 kg (Approx)
Sample Collection Date	06.05.2019	Date of Analysis	07.05.2019
Sample Registration Date and Time	06.05.2019, 012.00 pm	Analysis Completion date	10.05.2019
Sample collected by Customer		<i>Sample Tested As Received Basis</i>	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	Specifications of Organic Fertilizers As per FCO -amended-2018
1.	Particle size (On dry basis)	%	97.6	Minimum 90% material should pass through 4.00mm IS sieve
2.	C:N Ratio	--	10.5:0.93	< 20:1
3.	pH at 25 °C	--	6.62	6.70 max
4.	Conductivity at 25 °C	dsm <sup>-1</sup>	7.83	8.2 maximum
5.	Bulk density	gr/cm <sup>2</sup>	1.27	<1.60
6.	Moisture	percentage by weight	17.6	25 maximum
7.	Total Organic Carbon		10.5	7.9 minimum
8.	Total Nitrogen as N		0.93	0.4 minimum
9.	Total Phosphates as P <sub>2</sub> O <sub>5</sub>		12.06	10.4 minimum
10.	<b>Heavy Metals ↓</b>	mg/kg		
	Arsenic as AS <sub>2</sub> O <sub>3</sub>		0.97	10.0 maximum
	Cadmium as Cd		0.55	5.00 maximum
	Chromium as Cr		21.72	50.00 maximum
	Copper as Cu		102.69	300.00 maximum
	Mercury as Hg		0.021	0.15 maximum
	Nickel as Ni		6.49	50.00 maximum
	Lead as Pb		4.37	100.00 maximum
	Zinc as Zn		692	1000.00 maximum

**Note: 1.** Analysis was done as per standard method prescribed by fertilizer control order 1985 and S.O.2803 (E) by ministry of agriculture, dated 03.11.2009. (As amended upto January 2018)

Checked by	Sr. Chemist	Authorized Signatory

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Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visonlabs.com, vison.labs@gmail.com

NOTE : This Report is subject to the terms and conditions mentioned overleaf.



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		Our Ref No	TC-506419000008807P
		P.O No/Your Ref	As per discussion with Mr. Balaji Kumar
		PO Date/Ref date	04.05.2019
		Mode of Packing	Self Lock Cover
Sample description	<b>Rock Phosphate Supplied to M/s. B.K. Enterprises</b>	Sample condition of testing	Found Ok
Appearance of the Sample	Light Brown Fine Powder	Sample Quantity	0.4 kg (Approx)
Sample Collection Date	06.05.2019	Date of Analysis	07.05.2019
Sample Registration Date and Time	06.05.2019, 012.00 pm	Analysis Completion date	10.05.2019
Sample collected by Customer		<i>Sample Tested As Received Basis</i>	

## TEST RESULTS

S.No.	Parameters	Units	Test Results
1.	Total Phosphates as P <sub>2</sub> O <sub>5</sub>	%	27.51

**Note: 1.** Analysis was done as per standard method prescribed by fertilizer control order 1985 and S.O.2803 (E) by ministry of agriculture, dated 03.11.2009. (As amended upto January 2018)

Checked by	Sr. Chemist	

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