

FERTILIZER ANALYSIS REPORT

AB-0437-T

GB-22-4423

11.22

Customer name	VERMİS TARIM HAYV. SAN. Ve TİC.LTD.ŞTİ.
Customer address	Subaşı Mh.206 Sk. No:6/1 Torbalı/İZMİR
Order No.	GB-22-4423
Name and identity of test item	VERMİS KATI Solid Worm Fertilizer
The date of receipt of test item	21.11.22
Remarks	Tot N,Org N,P,K,Org Mat,T(h+f),Moisture,Heavy metals,pH,Ec
Physical Appearance- Amount	Solid-1 kg
location of sampling-method	Taken by the customer
Date of Test	21.11.22-28.11.22
Number of pages of the Report	1/2

(agriOLabEN Gıda ve Ziraî Laboratuvar Hizmetleri San.ve Tic. Ltd.Şti.) accredited by TURKAK under registration number (AB-0437-T) for (TS EN ISO /IEC 17025:2017) as test laboratory

Turkish Accreditation Agency(TURKAK) is signatory to the European co-operation for accreditation (EA) Multilateral Agreements(MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports
The testing and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Seal	Date	Laboratory Leader	Laboratory Manager
	28.11.22	Gülbahar ŞENLİK DUYAR Agriculture Engineer	Yasemin TOPÇULAR Chemist


GIDA VE ZİRAİ LAB. HİZ. SAN. TİC. LTD. ŞTİ.
Zeytinlik Mah. 7754 Sok. No: 21 • Kepez/ANTALYA
Kurumlar V.D. 008 073 9771
Mersis No:0-0080-7397-7100013•Tic.Sic.No:54402
Tel: 0242 340 60 94 • Faks: 0242 340 56 56



- Not 1. This report with all parts is a whole, no part of this report can be used eparately.
Not 2. Results of analysis belong to sample mentioned above.
Not 3. No copy or no publi without permission. The report without signature and seal are invalid.
Not 4. * Accreditation scope.
Not 5. The sample was not taken by laborator



FERTILIZER ANALYSIS REPORT

(Analysis Parameters)	(Unit)	(Methods)	(Analysis results)
*pH (21 °C)	--	GPGDY Mat 7.4-TS 836(1:10)	7,0
Ec (21 °C)	dS/m	1:10	5,3
*Org. Mat. (70 °C- 550°C)	(%)	In-house Method- "SOP/GB-19 Rev. No: 06-TS 9103	63,5
*Moisture (70 °C)	(%)	In-house Method- "SOP/GB-19 Rev. No: 06-TS 9105	8,3
Organic Carbon	(%)	Walkley-Black	32,5
C/N	(%)		10,5
Total (hümic+fülvic) acid (Rc:0,53)	(%)	TS 5869 ISO 5073/January 2003	43,2
Organic Nitrogen	(%)	Kjeldahl	2,8
Total Nitrogen	(%)	Bremner 1965	3,1
Total Phosphorous Oxide (P ₂ O ₅)	(%)	Kaçar-Küttük 2009 wet incineration -ICP OES	1,6
Water soluble Potassium Oxide (K ₂ O)	(%)	ICP-OES	1,8

HEAVY METAL ANALYSIS REPORT

(Analysis Parameters)	(Unit)	(Max Criteria)	(Methods)	(Analysis results)
Cadmium (Cd)	mg / kg	3	TS EN 13650	0,65
Copper (Cu)	mg / kg	450	TS EN 13650	146,6
Nickel (Ni)	mg / kg	120	TS EN 13650	8,47
Lead (Pb)	mg / kg	150	TS EN 13650	4,99
Zinc (Zn)	mg / kg	1100	TS EN 13650	151,4
Mercury (Hg)	mg / kg	5	EPA 3052	<0,01^{RL}
Chrome (Cr)	mg / kg	350	TS EN 13650	7,7
Tin (Sn)	mg / kg	10	TS EN 13650	<0,01^{RL}

P.S:Analysis results are reported on dry substance.

Not 1. This report with all parts is a whole, no part of this report can be used eparately

Not 2. Results of analysis belong to sample mentioned above

Not 3. No copy or no publish without permission. The report without signature and seal are invalid.

Not 4. *Accreditation scope

Not 5. The sample was not taken by laboratory

Not 6. This report which is evaluation and recommendations, is not associated with accredited except * sign parameters.

R.L :Reporting Limit

Laboratory Leader
Gülbahar ŞENLİK DUYAR
Agriculture Engineer

Laboratory Manager
Yasemin TOPÇULAR
Chemist