

**Accredited by Turkish Accreditation Agency  
(TURKAK)**

AB-0437-T	GB-17-1803	14.08.2017
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**AgriOLaben FOOD and AGRICULTURAL ANALYSIS LABORATORY SERVICES  
INDUSTRY and TRADE LIMITED COMPANY**

*Zeytinlik Mah. Altinyol Arsa Koop. 7754 Sk. No:21 Altinova –ANTALYA*

**FERTILIZER ANALYSIS REPORT**

Name of Customer : EARTHCARE EURASIA TAR. TUR. SAN. VE TIC. A.Ş.  
Address of Customer : Guzeloba Mah. 2222 Sk. 10/2 Muratpasa/ANTALYA  
Order No. : GB-17-1803  
Name and Identity of test item : Herbalizer, Herbal origin Liquid Organic Fertilizer  
The date the Sample accepted : 09.08.2017  
Remarks : Top.N,P,K,Organic Substance,Org.C,Hidroxyprolin,Heavymetals,pH  
Physical Characteristic - Amount of Packaging : Liquid-1 lt open packaging  
Placd and Method of Sampling : Collected by customer  
Date of Test : 09.08.2017 – 14.08.2017  
Number of pages of the Report : 1/2

The Turkish Accreditation Agency (TURKAK) has signed the mutual recognition agreement together with European Accreditation (EA) and International Laboratory Accreditation Cooperation (ILAC) regarding the recognition of the test reports.

The test and/or measurement results, the extended measurement uncertainties (if any exists) and the testing methods are stated on the following pages which are supplementary parts of this certificate.

<b>Seal</b>	<b>Date</b>	<b>Laboratory Chief</b>	<b>Laboratory Manager</b>
	14.08.2017	Gulbahar SENLIK DUYAR Agriculture Engineer	Yasemin TOPCULAR Chemist

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**FERTILIZER ANALYSIS REPORT**

Analysis Parameters	Units	Methods	Analysis Result	Measurement Uncertainty
*pH (20 °C)	--	KGY Sub. 7.4-TS 836	6,3	
*Org. Subs. (70 °C – 550 °C)	(%)	OGY-TS 9103/April 1991 (Intrabusiness)	30,6	
Organic Carbon	(%)	Walkey – Black	10,9	
Total Nitrogen (N)	(%)	Bremmer 1965	2,1	
Total phosphorus pentoxide (P2O5)	(%)	Kacar – Kutuk 2009	0,51	
Water Soluble Potassium Oxide (K2O)	(%)	ICP-OES	1,5	
Total Hydroxyprolin	(%)	TS 6236 ISO 3496 April 1997	<0,01 <sup>RL</sup>	

**HEAVY METAL ANALYSIS REPORT**

Analysis Parameters	Units	Max Regulation Criterias	Methods	Analysis Result
Cadmium (Cd)	mg / kg	3	TS EN 13650	0,13
Copper (Cu)	mg / kg	450	TS EN 13650	25,9
Nickel (Ni)	mg / kg	120	TS EN 13650	2,0
Lead (Pb)	mg / kg	150	TS EN 13650	0,11
Zinc (Zn)	mg / kg	1100	TS EN 13650	290,5
Mercury (Hg)	mg / kg	5	EPA 3052	<0,01 <sup>RL</sup>
Chrome (Cr)	mg / kg	350	TS EN 13650	0,25

Analyzed based on the Addition-18 Analysis methods of regulations regarding Organics, Organ mineral Fertilizers and Soil Graders and regulations on Production, Export, Import and Market Supply of Microbial, Enzyme Consisting and Organic Sourced Other Products published in Federal Register numbered 28956 on 29.03.2014, and the Regulations of The Market Surveillance and Inspection of the Fertilizers published in Federal Register numbered 28956 on 29.03.2014. (OGY)

Analyzed based on the analysis methods stated on the Addition-3 of the Regulations of The Market Surveillance and Inspection of the Fertilizers published in Federal Register numbered 28956 on 29.03.2014 (KGY)

Note 1. This analysis report is a whole with all its parts and none of the parts of this report can be used separately.

Note 2. These analysis results are only valid for the sample mentioned above.

Note 3. Our reports can not be copied or published without our consent. Reports without signatures and seals are invalid.

Note 4. \*Is in the scope of Accreditation

Note 5. The sample is not taken by our laboratory.

R.L. : Reporting Limit

**Laboratory Chief**

Gulbahar SENLIK DUYAR

Agriculture Engineer

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**Laboratory Manager**

Yasemin TOPCULAR

Chemist

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