



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory

**AGRIOLABEN GIDA VE ZİRAİ LABORATUVAR HİZMETLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ**

Central Address: ZEYTİNLİK MAH. 7754 SK. LABEN TARIM LABEN NO:21/1- KEPEZ Antalya / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

**Accreditation Number : AB-0437-T**

**Accreditation Date : 01.02.2011**

**Revision Date / Number : 21.09.2023 / 10**


This certificate shall remain in force until **24.09.2027**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu  
Secretary General



Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

*This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.*

 <p>Test TS EN ISO/IEC 17025 AB-0437-T</p>	<p align="center"><b>AGRIOLABEN GIDA VE ZİRAİ LABORATUVAR HİZMETLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ</b></p> <p align="center">Accreditation Nr: AB-0437-T Revision Nr: 10 Date: 21.09.2023</p> <hr/> <p><b>Testing Laboratory</b></p> <hr/> <table border="0"> <tr> <td> <b>Address :</b>  ZEYİTLİK MAH. 7754 SK. LABEN TARIM LABEN NO:21/1- KEPEZ Antalya / Türkiye </td><td> Phone : +90 242 340 6094  Fax : +90 242 340 5656  Email : laben@laben.com.tr  Website : </td></tr> </table>	<b>Address :</b> ZEYİTLİK MAH. 7754 SK. LABEN TARIM LABEN NO:21/1- KEPEZ Antalya / Türkiye	Phone : +90 242 340 6094 Fax : +90 242 340 5656 Email : laben@laben.com.tr Website :
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Chemicals and Chemical Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Fertilizers	Determination of Extracted Phosphorus (water-soluble)  Pre-treatment:Water extraction Determination: Gravimetric Method with Quinoline Phosphomolybdate	TS EN 15958 TS EN 15959  (Regulation on Market Surveillance and Control of Fertilizers, Annex-2 Methods 3.1.6 and 3.2)
Fertilizers	Determination of water soluble potassium Pre-treatment: Water extraction Determination:Gravimetric Method with Sodium Tetraphenyl Borate	TS EN 15477  (Regulation on Market Surveillance and Control of Fertilizers, Annex-2 Method 4.1)
Fertilizers	Determination of Micro Elements (Iron (Fe), Zinc (Zn), Copper (Cu),Mangan (Mn))  ICP-OES Method	In-house method-"SOP/GB-12/Rev.No:07 "(Regulation on Market Surveillance and Control of Fertilizers, Annex-2 Methods 9.2 and 10.2)"- TS EN/ISO 11885
Fertilizers	Determination of pH  Pre-treatment : 1/10 dilution Potentiometric Method	TS 836  (Regulation Regarding Organic, Mineral and Microbial Sources Used in Agriculture, Analysis Methods, Annex 19)  (Regulation on Market Surveillance and Control of Fertilizers, Annex-2 Method 7.4)
Fertilizers	Determination of Ammonia Nitrogen  Pre-treatment: Distillation (Kjeldahl Method) Determination:Titration Method	In-house method-"SOP/GB-28/Rev.No:04"  (TS EN 15475- Regulation on Market Surveillance and Control of Fertilizers, Annex-2 Method 2.1)
Fertilizers	Determination of Ammonia and Nitrate Nitrogen Devarda Method  Pre-treatment: Distillation (Kjeldahl Method) Determination:Titration Method	In-house method-"SOP/GB-29 Rev.No:05"  (TS EN 15476- Regulation on Market Surveillance and Control of Fertilizers, Annex-2 Method 2.2.3)
Fertilizers (Organic/Organomineral)	Determination of organic matter  Pre-treatment:Drying at 550 °C Determination:Gravimetric Method	In-house method-"SOP/GB-19 Rev.No:06"  (Regulation Regarding Organic, Mineral and Microbial Sources Used in Agriculture, Analysis Methods, Annex-19-TS 9103)
Fertilizers	Determination of moisture  Gravimetric Method	In-house method-"SOP/GB-19 Rev.No:06"  (Regulation Regarding Organic, Mineral and Microbial Sources Used in Agriculture, Analysis Methods, Annex-19-TS 9105)
Fertilizers	Sample preparation	TS EN 1482-2





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Accreditation Nr: AB-0437-T  
Revision Nr: 10 Date: 21.09.2023

**Agricultural products**

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Soil	Determination of Phosphorus Modified Olsen and ark. Method	In-house method-"SOP/T-13 Rev. No:04" (TS 8340)
Soil	Determination of organic matter (%)	TS 8336

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