



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

KONYA GIDA KONTROL LABORATUVAR MÜDÜRLÜĞÜ

Central Address: HAVZAN MAH. KARACIHANCAMI SK. LABORATUVAR NO:1 A MERAM Konya / 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-0074-T

Accreditation Date : 16.10.2006

Revision Date / Number : 12.04.2023 / 16


This certificate shall remain in force until **03.12.2023**, 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 on {1} 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-0074-T</p>	KONYA GIDA KONTROL LABORATUVAR MÜDÜRLÜĞÜ	
	Accreditation Nr: AB-0074-T Revision Nr: 16 Date: 12.04.2023	
Testing Laboratory		
Address : HAVZAN MAH. KARACIHANCAMI SK. LABORATUVAR NO:1 A MERAM Konya / Türkiye	Phone : 03323223424 Fax : 03323220678 Email : konya.gidalab@tarimorman.gov.tr Website : https://gidalab.tarimorman.gov.tr/konya	

Food and Feed Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Hard-Shelled Dried Fruits and Products, Oily Seeds and Products	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 991.31
Red Pepper And Red Pepper Containing Products, Dried Fruits and Products	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ + G ₁ +G ₂) HPLC-FLD Method	AOAC 999.07
Feed and Feed Ingredients	Determination of Aflatoxin B ₁ HPLC-FLD Method	AOAC 2003.02
Milk and Milk Powder	Determination of Aflatoxin M ₁ HPLC-FLD Method	ISO 14501
Cereals and Cereal Products	Determination of Ochratoxin A HPLC-FLD Method	In House Metot-"MKT-AT-011" (R-Biopharm Cereal Application Note, Ref No:A9-P14.V2)
Cereals and Cereal Products	Determination of Deoxynivalenol (DON) HPLC-DAD Method	R-Biopharm Application Note A3-P50.V8
Cereals and Cereal Products	Determination of Zearalenone (ZON) HPLC-FLD Method	R-Biopharm Application Note A1-RP 91.V5
Food (high water content products)	Determination of Some Selected Pesticides GC-MS/MS Method (34 number)- Aldrin; Beta-cyfluthrin; Bifenthrin; Biphenyl; Bromopropylate; Captan; Chinomethionat; Chlorothalonil; Chlorthal dimethyl; Dicloran; Dicofof; Dinobuton; Endosulfan(alfa+beta+sulfate); Endrin ketone; Esfenvalerate; Etridiazole; Fenitrothion; Fenvalerate; Folpet; HCH-beta; Iprodione ; Lambda-cyhalothrin ; op DDD; op DDE; Oxyfluorfen ; Parathion-methyl ; Permethrin; pp DDE; Pebulate; Procymidone; Tefluthrin; Tetradiphon(Tetradifon); Trifluralin; Vinclozolin	AOAC 2007.01
Food (high water content products)	Determination of Some Selected Pesticides LC-MS/MS Method (112 number) - 2-4' D ; Acetamidrid; Acrinathrin; Alachlor; Aldicarb sulfoxide; Alpha-cypermethrin ;	AOAC 2007.01

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Amitraz; Atrazine; Azinphos ethyl;
Azoxytrob; Bifenazate;
Bupirimate;
Buprofezin;
Butralin; Cadusafos; Carbaryl;
Carbendazim/Benomyl;
Carbofuran;
Carbosulfan; Carboxin;
Chlorfluazuron;
Chlorpropham
; Chlorpyrifos;
Chlorsulfuron; Chlorfenvinphos;
Clofentezine; Coumaphos;
Cycloate;
Cymoxanyl; Cypermethrin
(alfa+beta+teta+zeta);
Cyproconazole;
Cyprodinil; Deltamethrin;
Diazinon; Dichlofluanid;
Dichlorvos(DDVP); Diethofencarb;
Difenoconazole; Dimethoate;
Dimethomorph; Dinocap ;
Dithianon;
Epoconazole; Ethiofencarb;
Ethion;
Ethofumesate; Famoxadone;
Fenamiphos; Fenarimol;
Fenazaquin;
Fenpropathrin; Fenoxycarb;
Fenthion;
Fludioxonil
; Fluometuron; Flusilazole;
Formothion
; Furathiocarb
; Hexythiazox; Imazalil;
Imidacloprid ;
Ioxynil; Kresoxim-methyl;
Lufenuron
; Malaaxon; Malathion; Mecarbam;
Metalaxyl ve Metalaxyl M;
Metolachlor; Metrafenone;
Metribuzin; Monolinuron; Oxadixyl;
Oxamyl
; Penconazole;
Pendimethalin;Phenthoate;
Phorate; Phosalone;
Phosmet
; Primicarb; Pirimiphos-ethyl;
Pirimiphos-methyl; Profenofos;
Propargite; Propazine;
Propiconazole;
Propyzamide; Prothiophos;
Pyrazophos; Pyridaben;
Pyridaphenthion; Pyriproxyfen;
Simazine;
Quinalphos; Tau-fluvalinate;
Tebuconazole; Terbutryn;
Thiacloprid;
Thiamethoxam; Thiodicarb;
Thiophanat-methyl; Tolcofos-
methyl;
Tolyfluanid; Triadimefon;
Triadimenol;
Triallate(Tri-allate); Triazaphos;
Trichlorphon; Trifloxystrobin;
Triflumizole; Vamidathion

High Starch and
/or Protein and
Low Water and Oil
Content Feeds

Determination of Some Selected
Pesticides
GC-MS/MS Method
(5 number) - alpha Endosulfan;
Endrin;
op DDD; op DDE; pp DDE

AOAC 2007.01



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Animal and Vegetable Fats and Oils	Fatty Acid Methyl Ester (Linoleic acid, Oleic acid, Palmitic acid and Stearic acid) GC-FID Method	TS EN ISO 12966-4 TS EN ISO 12966-2
Food and Food Additives	Determination of Lead (Pb), Cadmium (Cd), Arsenic (As), Mercury (Hg), Tin (Sn) ICP-MS Method	NMKL 186
Foods	Determination of Benzoic and Sorbic acid HPLC-UV Method	NMKL 124
Honey	Determination of C13/C12 and C4 IR-MS Method	AOAC 998.12
Molasses	Determination of C13/C12 IR-MS Method	AOAC 998.12
Feed	Determination of Crude Ash	Official Gazette No. 29955 (Regulation on Sampling and Analysis Methods for Official FeedControl) EC 152/2009
Feed	Determination of Crude Fiber	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009
Feed	Determination of Moisture	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009
Feed	Determination of Crude Protein Burn Method (Dumas Principle)	AOAC 990.03
Cereals, cereal products and oilseeds	Determination of Crude Protein Burn Method (Dumas Principle)	AOAC 992.23
Meat and Meat Products	Determination of Moisture Content	TS 1743 ISO 1442
Cereals and Cereal Products (excluding corn and pulses)	Determination of Moisture Content	TS EN ISO 712
Cereals, legumes and by-products (excluding starch and seeds)	Determination of Ash	TS EN ISO 2171
Black and green tea	Determination of Ash	TS 1564
Food	Determination of Protein Kjeldahl Method	AOAC 981.10 AOAC 2001.11 TS EN ISO 8968-1
Yoghurt	Determination of Fat Content	TS 1330





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Cheeses	Determination of Fat Content	TS ISO 3433
Meat and Meat Products	Determination of Total Fat Content Acid-Hydrolysis Method	TS 1744
Cheeses	Determination of Chloride Potentiometric Method	TS EN ISO 5943
Fruit and Vegetable Products	Determination of pH Potentiometric Method	TS 1728 ISO 1842
Fruit and Vegetable Products	Determination of Soluble Solids Refractometric Method	TS 2173
Table Salt	Determination of Iodate Titrimetric Method	TS 933
Honey	Determination of Prolin Spektrometrik Method	TS 13357
Honey	Determination of Acidity (Free)	TS 13360
Food (Except Milk and Dairy products)	Enumeration of Escherichia coli Most Probable Number Technique	ISO 16649-3
Food	Enumeration of Coliform Bacteria Most Probable Number Technique	TS ISO 4831
Food	Enumeration of Aerobic Colony Bulk Plate Technique	TS EN ISO 4833-1
Food	Enumeration of Yeasts and Moulds Colony Counting Technique	ISO 21527-1 ISO 21527-2
Food	Enumeration of Coagulase Positive Staphylococci (Staphylococcus aureus and other species) Colony Counting Technique	ISO 6888-2
Food	Detection of Listeria monocytogenes	ISO 11290-1
Food	Detection of Listeria monocytogenes	AOAC 2013.11 BioMerieux VIDAS LMX
Food	Enumeration of Bacillus cereus Colony Counting Technique	TS EN ISO 7932
Food	Enumeration of Sulphite Reducing Anaerobes Bacteria Colony Counting Technique	ISO 15213
Food and Feed	Detection of Salmonella spp.	AOAC 2013.01 BioMerieux VIDAS UP SPT



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Meat and Meat Products	Species Identification by ELISA (Beef, Sheep, Equidae, Poultry, Pork) ELISA Method	ELISA-TEK Kit Procedure
Food	Plant specific soybean gene search Real Time PCR Method Pretreatment :DNA extraction	Kit Procedure (Dr.Zeydanlı Life Sciences DZRT-SY) (Eurofins SPECIES / DENT RT (LR / HR +) strain)
Honey	Determination of Electrical Conductivity	TS 13366
Honey	Determination of Moisture Content Refractometric	TS 13365
Food	Enumeration of Coliform Bacteria Colony Counting Technique	TS ISO 4832
Feed	Determination of Crude Protein Kjeldahl Method	İn House Metot-"YEM-AT-021/03" Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009 Modified
Cheeses	Determination of Moisture Content	TS EN ISO 5534
Condensed Milk and Milk Powder	Determination of Moisture Content	Turkish food codex communiqué milk and milk powder analysis methods (2002/16)
Tea	Determination of Moisture Content	TS 1562
Bread	Determination of Moisture Content	TS 5000
Bread Yeast	Determination of Moisture Content	TS 3522
Edible Salt	Determination of Moisture Content	TS 933
grape molasses	Determination of Ash	TS 3792
Food (Except Onions, Leeks and Cabbage)	Determination of Sulfur dioxide Titrimetrik Method	AOAC 962.16
Honey	Sugar Composition (Fructose, Glucose, Sucrose and Maltose) HPLC-RID Method	TS 13359
Honey	Determination of Diastasis Number Spektrometric Method	IHC Bölüm 6.2
Feed	Determination of Crude Oil	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009
Milk, Butter Milk and Cream	Determination of Moisture Content	TS 1018





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Environmental Tests

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Water	Determination of Aluminum (Al), Arsenic (As), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chromium (Cr), Copper (Cu), Potassium (K), Magnesium (Mg), Mangan (Mn), Molybdenum (Mo), Sodium (Na), Nickel (Ni), Phosphorus (P), Lead (Pb), Tin (Sn), Vanadium (V), Zinc (Zn) ICP-MS Method	TS EN ISO 17294 1-2
Water	Determination of pH Electrometric Method	SM 4500 H ⁺ B
Determination of Electrical Conductivity Electrometric Method	Determination of Electrical Conductivity Electrometric Method	TS 9748 EN 27888
Water	Enumeration of Escherichia coli Most Probable Number Technique	SM 9221 F
Water	Enumeration of Coliform Bacteria Most Probable Number Technique	SM 9221 B

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