



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

GIDA VE YEM KONTROLMERKEZ ARAŐTIRMA ENSTİTÜSÜ MÜDÜRLÜĐÜ

Central Address: ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZİ Bursa / 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-0030-T

Accreditation Date : 30.11.2004

Revision Date / Number : 31.07.2024 / 26

This certificate shall remain in force until **18.07.2025**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisođlu
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 Müderrisođlu 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>TÜRKAK</p> <p>Test TS EN ISO/IEC 17025 AB-0030-T</p>	<p>GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ</p> <p>Accreditation Nr: AB-0030-T Revision Nr: 26 Date: 31.07.2024</p>	
	<p>Testing Laboratory</p> <p>Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye</p> <p>Phone : +90 224 246 4721 Fax : - Email : vesile.cetin@tarimorman.gov.tr Website : https://arastirma.tarimorman.gov.tr/bursagida</p>	

Food and Feed Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Fruits and vegetables with High Water and High Acid Content	<p>Detection and Quantification Analysis of Selected Pesticides</p> <p>GC-MS/MS Method</p> <p>Number of Selected Pesticides Analyzed is 174</p> <p>2-Phenylphenol (Ortho phenylphenol); 2,4-DDD; 2,4-DDE; DDT (the sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) in DDT); Acephate; Acetochlor; Acibenzolar-S-methyl; Aclonifen; Alachlor; Aldrin and Dieldrin (combination of Aldrin and Dieldrin, calc. as Dieldrin); Bifenthrin (sum of isomers); HCH-alpha (Hexachlorocyclohexane-alpha); Anilofos; Azinphos-ethyl; Azinphos-methyl; Benfluralin; HCH-beta (Hexachlorocyclohexane-beta); Bifenazate; Bifenthrin; Bioresmethrin; Biphenyl; Bromophos-ethyl; Bromophos (Bromophos-methyl); Bromopropylate; Bromuconazole; Cadusafos; Captan (the sum of Captan and THPI, calc. as Captan); Chlorbufam; Chlordane (the sum of cis- ve trans-chlordane isomers); Chlorfenapyr; Chlorfenson; Chlorfenvinphos; Chloroneb; Chlorothalonil; Chlorpropham; Chlorpyrifos; Chlorpyrifos-methyl; Chlorthal-dimethyl; Chlozolinate; Coumaphos; Cyanazine; Cyfluthrin (the sum of Cyfluthrin isomers including other compound isomer mixtures); Cyhalofop-butyl; Cypermethrin (the sum of Cypermethrin isomers including other compound isomer mixtures); Dazomet; HCH-delta (Hexachlorocyclohexane- delta); Deltamethrin (cis-deltamethrin); Demeton-S-methyl; Demeton- S-methyl sulfone; Desmetryn; Dialifos (Dialifor); Diazinon; Dichlofluanid; Dichlorvos; Diclofopmethyl; Dicloran; Dicofof; Dicrotophos; Dimethachlor; Dimethipin; Dimethoate; Dinobuton; Disulfoton; Ditalimfos; Endosulfan (the sum of alpha and beta- endosulfan and Endosulfan sulphate , calc. as Endosulfan); Endrin; EPN; Ethofumesate 2-keto (2,3-dihydro-3,3- dimethyl-2-oxo-benzofuran-5-yl methanesulphonate); Fenvalerate (each ratio of the respective isomers (RR, SS, RS and SR) including Esfenvalerate); Ethalfluralin; Ethion; Ethoprophos; Etridiazole; Etrifos; Fenamiphos; Fenamiphos sulfone; Fenarimol; Fenchlorphos; Fenhexamid; Fenitrothion; Fenpiclonil; Fenproprathrin; Fenson; Fenthion; Fenthion sulfone; Fenthion sulfoxide; Fipronil; Flucythrinate (the sum of isomers including other mixtures of Flucythrinate isomer compounds); Fluralinate (the sum of isomers, resulting from the use of tau-fluralinate); Flutrimazole; Folpet (the sum of Folpet and Phtalimide , calc. as Folpet); Fonofos; Formothion; Fosthiazate; Fuberidazole; Gamma cyhalothrin; Heptachlor (the sum of Heptachlor and Heptachlor epoxide, calc. as Heptachlor); Heptenophos; Hexachlorobenzene (HCB); Hexaconazole; Imazalil; Iodofenphos (Jodfenphos); Iprodione; Isazofos; Isodrin; Lambda- cyhalothrin (the sum of R,S and S,R isomers including gamma-cyhalothrin); Lindane (gamma-isomer of Hexachlorocyclohexane (HCH)); Leptophos; Linuron; Malathion (the sum of Malathion and Malaaxon ; calc. as Malathion); Mecarbam; Mephosfolan; Merphos; Methacrifos; Methamidophos; Methidathion; Methoxychlor; Metrafenone; Mevinphos; Molinate; Monocrotophos; Myclobutanil; Naled; Nitrofen; Omethoate; Oxyfluorfen; Paraoxon- ethyl (Paraoxon); Parathion-ethyl (Parathion); Parathion-methyl (the sum of Parathion-methyl and Paraoxon-methyl, calc. as Parathion-methyl); Pebulate (Pebulat); Pendimethalin; Pentachloroaniline; Permethrin (sum of isomers); Phenthoate; Phorate; Phosalone; Phosphamidon; Pirimiphos-ethyl; Pirimiphos-methyl; Procydonone; Propanil; Propyzamide; Prosulfocarb; Prothiophos; Pyrazophos; Pyridaben; Pyridaphenthion; Quinalphos; Chinomethionat (aka quinomethionate); Quintozene (PCNB) (the sum of Quintozene and Pentachloro aniline ; calc.as Quintozene); Spiromesifen; Sulfotep; Sulprofos (Bolstar); Tecnazene; Tefluthrin; Terbacil; Terbufos; Terbufos-sulfone; Terbutryn; Tetrachlorvinphos; Tetraconazole; Tetradifon; Tetrasul; Thiobencarb (Benthiocarb); Thiometon; Tolclofos- methyl; Tolyfluanid (the sum of tolyfluanid and dimethylaminosulfotoluidide, calc.as tolyfluanid); Triadimefon; Triadimenol; Tri-allate; Triazophos; Trifloxystrobin; Trifluralin; Vinclozolin;</p>	AOAC 2007.01
Foods with High Sugar and Low Water Content	<p>Detection and Quantification Analysis of Selected Pesticides</p> <p>LC-MS/MS Method</p> <p>[Number of Selected Pesticides Analyzed is 70:</p> <p>Acetamiprid; Azoxystrobin; Benalaxyl; Bendiocarb; Buprimate; Carbaryl; Carbazodazim; Carbofuran; Carboxin; Clothianidin; Desmedipham; Diethofencarb; Dimethanamide; Dioxacarb; Dioxathion; Ethidimuron; Ethiofencarb; Etoxazole; Fenamidone; Fenazaquin; Fenobucarb; Fenpropimorph; Fenproximate; Fensulfotbin; Florasulam; Fluazifop-p-butyl; Flufenoxuron; Fluopicolide; Foramsulfuron; Furalaxyl; Imdacloprid; Iosfenphos; Imidacloprid; Lenacil; Mepronil; Metaflumizone; Metalaxyl; Metazachlor; Metconazole; Methiocarb sulfon; Methoxyfenozide; Metobromuron; Metolachlor; Napropamide; Ofurace; Oxamyl; Oxycarboxin; Paclobutrazol; Pencycuron; Phenmedipham; Phoxim; Pirimicarb; Prochloraz; Promecarb; Propargite; Propazine; Propoxur; Pymetrozine; Pyrifeno; Pyriproxyfen; Rabenzazole; Spiroxamine; Terbumeton; Thiabendazole; Thiacloprid; Thiamethoxam; Tralkoxydim; Tribenuron-methyl; Triflumizole; Vamidothion]</p>	AOAC 2007.01
Eggs	<p>Detection and Quantification Analysis of Selected Pesticides</p> <p>LC-MS/MS Method</p> <p>[Number of Selected Pesticides Analyzed is 59-</p> <p>Acetamiprid; Azoxystrobin; Benalaxyl; Bendiocarb; Buprimate; Carbazodazim; Carbofuran; Carboxin; Clothianidin; Desmedipham; Diethofencarb; Dimethanamide; Dimethomorph; Dioxacarb; Dioxathion; Ethidimuron; Ethiofencarb; Etoxazole; Fenamidone; Fenobucarb; Fensulfotbin; Fipronil sulfone; Florasulam; Fluazifop-p-butyl; Flufenoxuron; Fluopicolide; Foramsulfuron; Furalaxyl; Imdacloprid; Iosfenphos; Isoprotruron; Metaflumizone; Metalaxyl; Metazachlor; Metconazole; Methomyl; Metobromuron; Oxamyl; Oxycarboxin; Paclobutrazol; Pencycuron; Phosmet; Phoxim; Pirimicarb; Promecarb; Propargite; Propazine; Prosulfuron; Pymetrozine; Pyrifeno; Pyriproxyfen; Terbumeton; Terbutylazine; Thiabendazole; Thiacloprid; Thiamethoxam; Triflumizole; Vamidothion]</p>	AOAC 2007.01
Food	<p>Determination of Caffeine</p> <p>HPLC-UV/DAD Method</p>	JAOAC Vol.76 No:2
Food	<p>Determination of Acesulfame K, Saccharin, Aspartame</p> <p>HPLC-UV/DAD Method</p>	JAOAC Vol.76 No:2
Food	<p>Determination of Benzoic Acid and Sorbic Acid</p> <p>HPLC-UV/DAD Method</p>	NMKL 124
Fruit-Vegetables and Products	<p>Analysis of Nitrate</p> <p>HPLC-UV/DAD Method</p>	In-house Method- "KMB-TL-20 Rev. No:00" (Modified from TS EN 12014-2)




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Sugary Products	Determination of HMF HPLC-UV/DAD Method	JAOAC Vol.76 No 2
Nuts and Products	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 991.31
Feed	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	In-house Method- "KMB-TL-07 Rev. No:00" (Modified from R-Biopharm Application Note, Ref No: A13-P07.V6)
Spices	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	In-house Method-"KMB-TL-08 Rev. No:00" (Modified from R-Biopharm Application Note A17-P07.V6)
Cereals	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	In-house Method- "KMB-TL-06 Rev. No:00" (Modified from R-Biopharm Application Note, Ref No: RP71-A1.V4)
Dried Fig and Fig Products	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	TS EN 14123
Milk; Milk powder	Determination of Aflatoxin M ₁ HPLC-FLD Method	In-house Method- "KMB-TL-25 Rev. No:01" (Modified from R-Biopharm Application Note; Ref No: A11-RP 71/70N.V3)
Dried Fruits	Determination of Ochratoxin A HPLC-FLD Method	In-house Method- "KMB-TL-22 Rev. No:00" (Modified from R-Biopharm Application Note Ref No: A8 -P14.V6)
Coffee	Determination of Ochratoxin A HPLC-FLD Method	In-house Method-"KMB-TL-28 Rev. No:01" (R-Biopharm Okraprep Application Note; Ref No: A1-P14.V9)
Cereals, Grain-Based Food and Feed	Determination of Deoxynivalenol (DON) HPLC-UV/DAD Method	In-house Method- "KMB-TL-26 Rev. No:01" (Modified from R-Biopharm Application Note; Ref No: RP50/V8/26.10.10)
Cereals, Grain-Based Food and Feed	Determination of Zearelonone (ZON) HPLC-FLD Method	In-house Method-"KMB-TL-27 Rev. No:00" (Modified from R-Biopharm Application Note; Ref No: RP91/V12/26.10.10)
Fruit juice	Determination of Patulin HPLC-UV/DAD Method	In-house Method-" KMB-TL-29 Rev. No:00" (Modified from R-Biopharm Application Note; Ref No: P250/P250B)
Food and Feed (Cereal and Grain-based Food and Feed)	Determination of Multiple Mycotoxin [Aflatoxin B ₁ ; B ₂ ; G ₁ ; G ₂ ; Ochratoxin A; Zearelonone; Deoxynivalenol; T-2 Toxin; HT-2 Toxin; Fumonisin (FB ₁ +FB ₂)] LC-MS/MS Method	In-house Method-"KMB-TL-04 Rev. No:00" (Modified from ANT Teknik Application Note, Multitoxin Analysis in Foods by LC-MS/MS and M016/2015 Application Notes)




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Food	Determination of Multiple Mycotoxin Aflatoxin (B1;B2;G1;G2, Ochratoxin A) LC-MS/MS Method	In-house Method- "KMB-TL-10", Rev:00" (Modified from ANT Teknik Application Note, Multitoxin Analysis in Foods by LC-MS/MS and M016/2015 Application Notes)
Food	Analysis of Aluminum (Al), Arsenic (As), Copper (Cu), Mercury (Hg), Zinc (Zn), Iron (Fe), Cadmium (Cd), Tin (Sn), Calcium (Ca), Lead (Pb), Magnesium (Mg), Potassium (K), Sodium (Na) ICP-MS Method	NMKL 186
Plastic Materials and Articles in Contact with Foodstuffs	Analysis of Total Migration in Evaporable Food Simulants	TS EN 1186-3:2022 Metot 1 (Total Immersion) Metot 2 (Cell) Metot 3 (Fillable Pouch) Metot 4 (Reverse Pouch) Metot 5 (Filling a Container)
Plastic materials and materials in contact with food	Structure Analysis FT-IR (Fourier Transform Infrared Spectroscopy) Method	In-house Method-"ALB-TL-06 Rev. No:01" Modified from: (-BIO-RAD Sadtler Spectral Databases Library Polymers Vol.2 -Perkin Elmer FTIR Spectrum Two Handbook. - Anonymous, 1999. Polymer Data Handbook, Modified from Oxford University Press)
Plastic materials and materials in contact with food	Phthalates Analysis [Number of Parameters - 8] (BBP/ Butylbenzylphthalate, DBP/ Dibutylphthalate, DEHP/ Di-(2-ethylhexyl) phthalate, DIDP/ Di-isodecylphthalate, DINP/ Di-iso-nonylphthalate, DNOP/ Di-n-octyl phthalate, DIBP/ Diisobutyl phthalate, DEP/ Diethyl phthalate) GC-MS Method	In-house Method-"ALB-TL-19 Rev. No:03" Modified from: (-EN 13130-1 -EUR 24387 EN 2010 -EUR 23972 EN 2009 -EUR 24105 EN-1st edition 2009 -EN 14372:2004)
Food (not applicable to dried onions, leeks, and cabbage)	Determination of Sulfur dioxide (SO2) Titrimetric method	AOAC 962.16
Honey	Determination of Glucose, Fructose, Ratio of Fructose/Glucose, Total of Fructose+Glucose HPLC-RID Method	AOAC 979.23
Honey	Determination of Sucrose and Mlatose HPLC- RID Method	AOAC 977.20
Honey	Determination of Diastase Activity Spectrophotometric Method	IHC Phadebas Diastase Determination Method
Honey	Electrical Conductivity	TS 13366
Honey	Determination of Free acidity	TS 13360
Honey	Water Content and Refractive Index	TS 13365
Fruit-Vegetables and Products	Determination of Brix (Solids Soluble in Water) Refractometric Method	AOAC 932.14 TS ISO 2173




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Tomato paste	Determination of Color	TS 1466
Products Based-on Plant Origin (Excluding Spices)	Determination of Moisture	TS EN ISO 712 TS 1129 ISO 1026 TS 1562 TS 3076-1 TS 3190 TS ISO 24557 TS EN ISO 665 TS 1252 EN ISO 1666 "Regulation on Sugar Analysis Methods for Sugars Intended for Human Consumption" Official Gazette No: 10.04.2002-24722
Products Based-on Plant Origin	Determination of Ash	TS EN ISO 2171 TS 1564 TS 2131 ISO 928
Products Based-on Plant Origin	Determination of Starch Polarimetric Method	TS EN ISO 10520
Products Based-on Plant Origin	Determination of titratable acidity	TS 1125 ISO 750
Products Based-on Plant Origin	Determination of pH Potentiometric method	TS 1728 ISO 1842
Products Based-on Plant Origin	Determination of Salt Potentiometric method	AOAC 971.27 TS 774
Products Based-on Plant Origin	Determination of Crude Protein Combustion Method (The principle of Dumas)	AOAC 990.03
Products Based-on Plant Origin	Determination of Total Fat	TS EN ISO 659 TS 2664
Products Based-on Plant Origin	Carbohydrate Calculation Method	TS EN ISO 10520 AOAC 968.28
Products Based-on Plant Origin	Determination of Total Sugar, Invert Sugar, Sucrose Lane-Eynon Method	In-house Method-"BÜB-TL-42 Rev. No 05, BÜB-TL-43 Rev. No 04, BÜB-TL-44 Rev. No 02" (Modified from AOAC 968.28 ve TS 1466)
Fruit and vegetable products and sugary products	Determination of Sugar Composition (Fructose, Glucose, Sucrose, Maltose) Ratio of Fructose/Glucose, Total of Fructose+Glucose HPLC-RID Method	AOAC 977.20 AOAC 980.13
Vegetable oils	Determination of Fatty Acid Composition (Arachidic acid (C20:0); Behenic acid (C22:0); Heptadecenoic acid (cis-10) (C17:1); Gadoleic acid (C20:1); Erucic acid (C22:1); Margaric acid (C17:0); Lauric asit (C12:0); Lignoceric acid (C24:0); Linoleic acid (C18:2); Linolenic acid (C18:3); Myristic acid (C14:0); Oleic acid (C18:1); Palmitic acid (C16:0); Palmitoleic acid (C16:1); Stearic acid (C18:0)) GC-FID Method	Com. Regulation (EC) No 796
Vegetable oils	Determination of Peroxide Value	TS EN ISO 3960
Vegetable Oils	Determination of Refractive Index	TS EN ISO 6320




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 TÜRKAK Test TS EN ISO/IEC 17025 AB-0030-T			GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ Accreditation Nr: AB-0030-T Revision Nr: 26 Date: 31.07.2024	
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Vegetable oils	Determination of Free Fatty Acidity	TS 894 TS EN ISO 660		
Extra Virgin Olive Oil	Sensory Analysis	Turkish Food Codex 2014/53		
Cheese	Determination of Total Dry Matter	TS EN ISO 5534		
Cheese	Determination of Salt Content Mohr Method	In-house Method-"HÜB-TL-159/01 Rev. No 07", (Modified from Food Inspection Analysis Methods, 1988)		
Cheese	Determination of Fat Content Van Gulik Method	TS ISO 3433		
Cheese	Determination of Acidity	TS 591		
Yogurt	Determination of Fat	TS 1330		
Milk, Ayran, Cream and Condensed Milk	Determination of Dry Matter	TS 1018		
Yogurt	Determination of Dry Matter	In House Method-"HÜB-TL-71/01 Rev. No 09 (Modified from GMMAM)		
Raw milk	Determination of Phosphatase Activity Lactognost Assay Method;	In House Method-"HÜB-TL-90/01 Rev. No:03" (Modified from Lactognost Test Kit Application Note, Heyl)		
Milk and dairy products	Determination of Lactose Lane-Eynon Method	In House Method-"HÜB-TL-105/01 Rev. No:02" (Modified from Food Inspection Analysis Methods, 1988)		
Milk and ayran	Determination of Acidity	TS 1018		
Milk and ayran	Determination of Fat	FAQ Quality Control 8:1986		
Butter	Determination of Salt Content Mohr Method	In House Method-"HÜB-TL-159/01 Rev. No 07", (Modified from Food Inspection Analysis Methods, 1988)		
Milk and dairy products	Determination of Protein	AOAC 991.20		
Seafood	Determination of Histamine HPLC-UV/DAD method	NMKL 196		
Milk and dairy products	Determination of Milk Species (Searching for the Presence of Cattle Milk) RealTime-PCR Method Pretreatment: DNA Extraction	Kit Method (SNPRTs-SG Milk Specimen Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		




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Milk and dairy products	Determination of Milk Species (Searching for the Presence of Sheep Milk) RealTime-PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRTs-KY Milk Specimen Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Milk and dairy products	Determination of Milk Species (Searching for the Presence of Goat Milk) RealTime-PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRTs-KÇ Milk Specimen Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Horse Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT-A Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Donkey Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT-E Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Pig Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT- D, Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Chicken Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT- T Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Turkey Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT-H Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Beef Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT- SG Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Sheep Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT- KY Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Determination (Goat Meat Search) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT-KÇ Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Identification (Search for the Corn Gene) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT-M Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		
Meat; Meat Products and Dairy Products	Meat Species Identification (Search for the Soybean Gene) Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (SNPRT-SY Speciation Panel Kit Procedure) Kit Method (NucleoSpin Genomic DNA extraction kit procedure)		




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Feed and raw materials of feed	Fish Species Identification (DNA Search for Bonito) Real Time PCR Method Pretreatment: DNA extraction	Kit Metodu (SNP Biotechnology SNPRTB-P Kit Procedure) Kit method (nucleospin genomic DNA extraction kit procedure)
Feed and raw materials of feed	Fish Species Identification (DNA Search for Salmon) Real Time PCR Method Pretreatment: DNA extraction	Kit Metodu (SNP Biotechnology SNPRTB-S Kit Procedure) Kit method (nucleospin genomic DNA extraction kit procedure)
Feed and raw materials of feed	Fish Species Identification (DNA Search for Sea Bass) Real Time PCR Method Pretreatment: DNA extraction	Kit Metodu (SNP Biotechnology SNPRTB-L Kit Procedure) Kit method (nucleospin genomic DNA extraction kit procedure)
Feed and raw materials of feed	Fish Species Identification (DNA Search for Anchovy) Real Time PCR Method Pretreatment: DNA extraction	Kit Metodu (SNP Biotechnology SNPRTB-H Kit Procedure) Kit method (nucleospin genomic DNA extraction kit procedure)
Feed and raw materials of feed	Fish Species Identification (DNA Search for Sea Bream) Real Time PCR Method Pretreatment: DNA extraction	Kit Metodu (SNP Biotechnology SNPRTB-C Kit Procedure) Kit method (nucleospin genomic DNA extraction kit procedure)
Feed and Feed Additives	Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method <u>Amphenicols-3</u> Chloramphenicol; Florfenicol; Thiamphenicol <u>Anticocccidials -12</u> ,Amprolium; Diclazuril; Halofuginone; Lasalocid; Maduramicin; Monensin; Narasin; Nicarbazin; Robenidine; Salinomycin; Toltrazuril, Decoquinat <u>Diaminopyrimidines -1</u> Trimethoprim <u>Quinolones -6</u> Ciprofloxacin; Danofloxacin; Difloxacin; Enrofloxacin; Flumequin; Sarafloxacin <u>Lincosamides -1</u> Lincomycin <u>Macrolides-5</u> Erythromycin; Spiramycin; Tilmicosin Tylosin; Tylvalosin <u>Nitrofurans-2</u> Furaltadone; Furazolidone <u>Penicillins-6</u> Amoxicillin; Ampicillin; Dicloxacillin; Nafcillin; Oxacillin; Penicillin G <u>Pleuromutilins-1</u> Tiamulin <u>Quinoxalines-2</u> Carbadox; Olaquinox <u>Streptogramins-1</u> Virginamycin <u>Sulfanamides-10</u> Sulfachloropyridazine; Sulfadiazine; Sulfadimethoxine; Sulfadoxine; Sulfamerazine; Sulfamethazine; Sulfamethoxazole; Sulfapyridine; Sulfaquinoxaline; Sulfathiazole <u>Tetracyclines -4</u> Chlortetracycline; Doxycycline; Oxytetracycline; Tetracycline	In house Method "VKB-TL-01 Rev. No:01" (Modified from: Analytica Chimica Acta 700 (2011) 26-33 and AOAC 997.04)




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Testing Laboratory		
	<p>Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye</p>	<p>Phone : +90 224 246 4721 Fax : - Email : vesile.cetin@tarimorman.gov.tr Website : https://arastirma.tarimorman.gov.tr/bursagida</p>
Milk	<p>Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method</p> <p><u>Amphenicols -3</u> Chloramphenicol; Florfenicol; Thiamphenicol</p> <p><u>Anthelmintics -3</u> Levamisol; Thiabendazole 5 Hydroxy; Thiabendazole</p> <p><u>Quinolones -9</u> Ciprofloxacin; Danofloxacin; Difloxacin; Enrofloxacin; Flumequin; Marbofloxacin; Nalidixic Acid; Oxolinic Acid; Sarafloxacin</p> <p><u>Macrolides -5</u> Spiramycin; Tilmicosin; Neospiramycin; Tylosin; Erytromycin</p> <p><u>Nitrofurans -4</u> Nitrofurantoin (AHD); Furaldaton (AMOZ); Furazolidon (AOZ); Nitrofurazon (SEM)</p> <p><u>Nitroimidazoles -7</u> Dimetridazole; Iprnidazole Hydroxy; Iprnidazole; Metronidazole; Ronidazole; HMMNI; Metronidazole Hydroxy;</p> <p><u>Sulfanamides -10</u> Sulfachloropyridazine; Sulfadiazine; Sulfadimethoxine; Sulfadoxine; Sulfamerazine; Sulfamethazine; Sulfamethoxazole; Sulfapyridine; Sulfaquinoxaline; Sulfathiazole</p> <p><u>Tetracyclines -7</u> Chlortetracycline; Doxycycline; Oxytetracycline; Tetracycline; 4-epi-Tetracycline; 4-epi-Oxytetracycline; 4-epi-Chlortetracycline</p> <p><u>Linkozamid -1</u> Lincomycin</p> <p><u>Penicillin 4</u> Dicloxacillin; Ampicillin; Cloxacillin; Oxacillin</p> <p><u>Beta-lactam -1</u> Cefquinome (CFQ)</p>	<p>In house Method "VKB-TL-02 Rev.No:01" (Modified from: Journal of Chromatography B 864; 156-160; 2008, AOAC 997.04 and Journal Pharmaceutical and Biomedical Analysis 64-65; 40-48; 2012</p>
Drinking Water for animals	<p>Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method</p> <p><u>Amphenicols -3</u> Chloramphenicol; Florfenicol; Thiamphenicol</p> <p><u>Anticoccidials -11</u> Amprolium; Diclazanil; Halofuginone; Lasalocid; Maduramicin; Monensin; Narasin; Nicarbazin; Robenidine; Salinomycin; Toltrazuril.</p> <p><u>Diaminopyrimidines -1</u> Trimethoprim</p> <p><u>Quinolones -6</u> Ciprofloxacin; Danofloxacin; Difloxacin; Enrofloxacin; Flumequin; Sarafloxacin</p> <p><u>Lincosamides -1</u> Lincomycin</p> <p><u>Macrolides - 5</u> Erythromycin; Spiramycin; Tilmicosin; Tylosin; Tylvalosin</p> <p><u>Nitrofurans -3</u> Furaldaton; Furazolidone; Nitrofurantoin</p> <p><u>Penicillins -3</u> Amoxicillin; Dicloxacillin; Penicillin G</p> <p><u>Pleuromutilins -1</u> Tiamulin</p> <p><u>Quinoxalines -2</u> Carbadox; Olaquinox</p> <p><u>Streptogramins -1</u> Virginamycin</p> <p><u>Sulfanamides -10</u> Sulfachloropyridazine; Sulfadiazine; Sulfadimethoxine; Sulfadoxine; Sulfamerazine; Sulfamethazine; Sulfamethoxazole; Sulfapyridine; Sulfaquinoxaline; Sulfathiazole</p> <p><u>Tetracyclines -4</u> Chlortetracycline; Doxycycline; Oxytetracycline; Tetracycline</p>	<p>In House Method "VKB-TL-03 Rev. No:00" (Modified from: Analytica Chimica Acta 700 (2011) 26-33and AOAC 997.04 modified)</p>




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Testing Laboratory		
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Meat	<p>Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method</p> <p><u>Amphenicols -2</u> Chloramphenicol; Florfenicol</p> <p><u>Anthelmintics -5</u> Doramectin; Levamisole; Moxidectine; Thiabendazole-5-hydroxy; Thiabendazole</p> <p><u>Anticoccidials -6</u> Lasolacid; Maduramicine; Monensin; Narasin; Nicarbazine; Salinomycin</p> <p><u>Quinolones -9</u> Ciprofloxacin; Danofloxacin; Difloxacin; Enrofloxacin; Flumequine; Marbofloxacin; Nalidixic Acid; Oxolinic Acid; Sarafloxacin</p> <p><u>Macrolides -2</u> Spiramycin; Tilmicosin</p> <p><u>Nitroimidazoles -6</u> Dimetridazole; Iprnidazole-hydroxy; Iprnidazole; Metronidazole; Metronidazole Hydroxy; Ronidazole</p> <p><u>NSAIDs -2</u> Diclofenac; Meloxicam;</p> <p><u>Penicillins -7</u> Amoxicillin; Ampicillin; Cephapirin; Dicloxacillin; Penicilline G; Nafcillin, Oxacillin</p> <p>Sulfanamides -10 Sulfachloropyridazine; Sulfadiazine; Sulfadimethoxine; Sulfadoxine; Sulfamerazine; Sulfamethazine; Sulfamethoxazole; Sulfaquinoxaline; Sulfapyridine; Sulfathiazole</p> <p><u>Tetracyclines -4 Adet</u> Chlortetracycline; Doxycycline; Oxytetracycline; TetracyclineChlortetracycline; Doxycycline; Oxytetracycline; Tetracycline</p>	<p>In House Method "VKB-TL-04 Rev. No:00" (Modified from: Multi-residue quantitation of veterinary drugs in animal tissue using optimized solid phase extraction protocol; 8th Workshop on Environmental Applications and Food Safety; Barcelona; Spain; 2-4 July 2012.and Agilent Bond Elut QUENCHERS EN Kits by LC/MS/MS; 2012)</p>
Meat	<p>Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method</p> <p><u>A1-Stilbens -3</u> Dienestrol; Diethylstilbestrol; Hexestrol</p> <p><u>A3-Steroids -3</u> 17-alpha-Methyltestosterone; Melengestrol acetate; Trenbolone</p> <p><u>A4-Resorsilic acid lactones-6</u> Zearalanone; Zearalenone; Zeranol (Alfa Zearalanol); α-Zearalenol; β-Zearalanol (Taleranol); β-Zearalenol</p> <p><u>A5-Betaagonists-4</u> Cimbuterol; Clenbuterol; Mapenterol; Salbutamol</p>	<p>In House Method "VKB-TL-05 Rev. No:01" (Modified from: Journal of Chromatography B; 2013; 940; 15-23 and Multi-residue quantitaion of veterinary drugs in animal tissue using an optimized solid phase extraction protocol. 8th Workshop on Environmental Applications and Food Safety; Barcelona; Spain; 2-4 July 2012)</p>
Fish	<p>Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method</p> <p><u>A1-Stilbens - 3</u> Dienestrol; Diethylstilbestrol; Hexestrol</p> <p><u>A3-Steroids -3</u> 17-alpha-Methyltestosterone; Melengestrol acetate; Trenbolone</p> <p><u>A4-Resorsilic acid lactones -6</u> Zearalanone; Zearalenone; Zeranol (Alfa Zearalanol); α-Zearalenol; β-Zearalanol (Taleranol); β-Zearalenol</p>	<p>In House Method "VKB-TL-07 Rev. No:00" (Modified from: Journal of Chromatography B; 2013; 940; 15-23 and Multi-residue quantitaion of veterinary drugs in animal tissue using an optimized solid phase extraction protocol. 8th Workshop on Environmental Applications and Food Safety; Barcelona; Spain; 2-4 July 2012)</p>
Poultry Muscle	<p>Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method</p> <p><u>A1-Stilbens - 3</u> Dienestrol; Diethylstilbestrol; Hexestrol</p> <p><u>A3-Steroids -3</u> 17-alpha-Methyltestosterone; Melengestrol acetate; Trenbolone</p> <p><u>A4-Resorsilic acid lactones -6</u> Zearalanone; Zearalenone; Zeranol (Alfa Zearalanol); α-Zearalenol; β-Zearalanol (Taleranol); β-Zearalenol</p>	<p>In House Method "VKB-TL-06 Rev. No:00" (Modified from: Journal of Chromatography B; 2013; 940; 15-23 and Multi-residue quantitaion of veterinary drugs in animal tissue using an optimized solid phase extraction protocol. 8th Workshop on Environmental Applications and Food Safety; Barcelona; Spain; 2-4 July 2012 modified)</p>



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Poultry Muscle	Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method <u>Amphenicols-3</u> Chloramphenicol; Florfenicol; Thiamfenicol <u>Anticoccidials- 7</u> Amprolium; Decoquinatate; Diclazuril; Halofuginone; Monensin; Robenidine; Toltrazuril Sulfone <u>Avermectins-3</u> Abamectin; Eprinomectin; Ivermectin <u>Benzimidazoles-11</u> Albendazole; Albendazole Sulfone; Albendazole Sulfoxide; Albendazole-2-aminosulfone; Cambendazole; Flubendazole; Ketotriclabendazole; Levamisol; Thiabendazole; Thiabendazole-5-Hydroxy; Triclabendazole <u>Diaminopyrimidines- 1</u> Trimethoprim <u>Quinolones - 9</u> Ciprofloxacin; Danofloxacin; Difloxacin; Enrofloxacin; Flumequine; Marbofloxacin; Nalidixic Acid; Oxolinic Acid; Sarafloxacin <u>Lincosamides - 1</u> Lincomycin <u>Macrolides 6</u> Erythromycin; Neospiramycin; Spiramycin; Tilmicosin; Tylosin; Tylvalosin <u>Nitroimidazoles - 4</u> Iprnidazole Hydroxy; Metronidazole; Metronidazole Hydroxy; Ronidazole <u>NSAIDs - 5</u> Carprofen; Diclofenac; Flunixin; Meloxicam; Phenylbutazone <u>Penicillins - 7 Adet</u> Cephapirin; Cloxacillin; Dicloxacillin; Nafcillin; Oxacillin; Penicillin G (Benzylpenicillin); Phenoxyethyl Penicillin (Penicillin V) <u>Quinolones - 1</u> 3-Methylquinoxaline-2-carboxylic acid (MQCA) <u>Sulfanamides - 10</u> Sulfachloropyridazine; Sulfadiazine; Sulfadimethoxine; Sulfadoxine; Sulfamerazine; Sulfamethazine; Sulfamethoxazole; Sulfapyridine; Sulfaquinoxaline; Sulfathiazole <u>Tetracyclines 6</u> Doxycycline; Epitetracycline; Oxytetracycline; Tetracycline; 4-epi-Chlortetracycline; 4-epi-Oxytetracycline	In House Method "VKB-TL-11 Rev. No:00" (Modified from: Barnes ve ark. 2008. 8th Workshop on Environmental Applications and Food Safety. 2-4 July 2012. Barcelona, Spain and Zhao ve ark. Determination of Sulfonamide Antibiotics in Bovine Liver Using Agilent Bond Elut QuEChERS EN Kits by LC/MS/MS, 2012)
Food (Milk Powder, Whey Powder)	Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method <u>Macrolides -6</u> Erythromycin; Spiramycin; Neospiramycin; Tilmicosin; Tylosin; Tylvalosin <u>Quinolones -9</u> Ciprofloxacin; Danofloxacin; Difloxacin; Enrofloxacin; Flumequin; Sarafloxacin; Marbofloxacin; Nalidixic Acid; Oxolinic Acid <u>Lincosamides -1 Adet</u> Lincomycin <u>Sulfanamides -10</u> Sulfachloropyridazine; Sulfadiazine; Sulfadimethoxine; Sulfadoxine; Sulfamerazine; Sulfamethazine; Sulfamethoxazole; Sulfapyridine; Sulfaquinoxaline; Sulfathiazole <u>Diaminopyrimidines-1</u> Trimethoprim	In House Method "VKB-TL-10 Rev. No 00" (Modified from: Analytica Chimica Acta. 2015 Jun 23;880:103-21)
Food (Fish)	Analysis of Selected Veterinary Drug Residues- LC-MS/MS Method <u>Nitroimidazoles-7</u> Ronidazole; Dimetridazole; Metronidazole; Metronidazole Hydroxy; Iprnidazole; Iprnidazole Hydroxy; HMMNI (2-Hydroxymethyl-1-methyl-5-nitro-1H-imidazole); <u>Amfenicols-3</u> Chloramphenicol; Florfenicol; Thiamfenicol <u>Tetracyclines-7</u> Doxycycline; Tetracycline; Epitetracycline; Chlortetracycline; 4-epi-Chlortetracycline; Oxytetracycline; 4-epi-Oxytetracycline <u>Quinolones-6</u> Danofloxacin; Difloxacin; Enrofloxacin; Flumequine; Oxolinic Acid; Sarafloxacin <u>Macrolides-2</u> Tilmicosin; Tylosin <u>β-Lactams-5</u> Oxacillin; Penicilline G (Benzylpenicillin); Ampicillin; Dicloxacillin; Cloxacillin	In House Method "VKB-TL-19 Rev. No 03" (Modified from: -Multi-residue quantitation of veterinary drugs in animal tissue using optimized solid phase extraction protocol; 8th Workshop on Environmental Applications and Food Safety. Barcelona; 2-4 July 2012 Spain; 2008. -Agilent Bond Elut QuEChERS EN Kits by LC/MS/MS; 2012)
Feed and raw materials of feed	Determination of Crude fibre	AOCS Ba 6a-05




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Testing Laboratory			Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye Phone : +90 224 246 4721 Fax : - Email : vesile.cetin@tarimorman.gov.tr Website : https://arastirma.tarimorman.gov.tr/bursagida	
Feed and raw materials of feed	Determination of Crude fat	AOCS Am 5-04		
Feed and raw materials of feed	Determination of Total fat	In-house Method –"YMB-TL-33 Rev. No:03" (Modified from: ANKOM Acid Hydrolysis Application Note)		
Feed and raw materials of feed	Determination of Total phosphorus Spectrophotometric method	Regulation on Sampling and Analysis Methods for Official Control of Feeds, Official Gazette No. 29955		
Feed and raw materials of feed	Analysis of Water-soluble chlorides (NaCl) Titrimetric method	Akyıldız, 1968. Feed Science Laboratory Manual, p. 133-134.		
Feed and raw materials of feed	Determination of Total sugars Luff-Schoorl Method	Regulation on Sampling and Analysis Methods for Official Control of Feeds, Official Gazette No. 29955		
Feed and Raw Materials of Feed; Feed Additives	Determination of Crude fat	Regulation on Sampling and Analysis Methods for Official Control of Feeds, Official Gazette No. 29955		
Feed and Raw Materials of Feed; Feed Additives	Determination of Fibre	AOAC 962.09		
Feed and Raw Materials of Feed; Feed Additives	Determination of Crude Ash	TS ISO 5984		
Feed and Raw Materials of Feed; Feed Additives	Analysis of Ash Insoluble in HCl	Regulation on Sampling and Analysis Methods for Official Control of Feeds, Official Gazette No. 29955		
Feed and Raw Materials of Feed; Feed Additives	Determination of Crude protein Combustion Method (Dumas Principle)	AOAC 990.03		
Feed and Raw Materials of Feed; Feed Additives	Determination of Dry Matter and Moisture	Regulation on Sampling and Analysis Methods for Official Control of Feeds, Official Gazette No. 29955		
Feed and Raw Materials of Feed; Feed Additives	Determination of Starch Polarimetric method	Regulation on Sampling and Analysis Methods for Official Control of Feeds, Official Gazette No. 29955		
Feed and Raw Materials of Feed; Feed Additives	Determination of Urea Spectrophotometric method	TS 10338		
Cereal Grains Feed's Raw Material	Determination of Dry matter and moisture	TS EN ISO 712		
Environmental Samples from Food, Food Management	Aerobic Colony Count	AOAC 2008.10 bioMérieux TEMPO, AC 411113		
Food (Except foods with high enzymatic activity, raw red offal and raw mollusks)	<i>Escherichia coli</i> Count	AOAC 2009.02 bioMérieux TEMPO EC;80 004		




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Testing Laboratory			
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ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZİ Bursa / Türkiye		Fax :	-
		Email :	vesile.cetin@tarimorman.gov.tr
		Website :	https://arastirma.tarimorman.gov.tr/bursagida
Food (except fruit purees, cocoa)	Coliform Bacteria Count		AOAC 2008.10 bioMérieux TEMPO TC 80 006
Food (excluding fruit purees, cocoa, raw mushrooms, powdered milk, cereals, instant soups, ready-to-use cake mixes)	Coagulase Positive Staphylococcus Count		AOAC 2009 bioMérieux TEMPO STA; 80 002
Food (excluding fruit purees, cocoa, raw mushrooms, and beverages)	Enterobacteriaceae Count		AOAC 2008 bioMérieux TEMPO; EB 80 003
Food (except fruit purees, cocoa, fermented products, and yogurt)	Yeast and Mould Count		AOAC 2010 bioMérieux TEMPO; YM 80 001
Food, Feed	<i>Escherichia coli</i> O157:(H7) Detection		bioMérieux VIDAS UP O157 ECPT 30 122
Food, Feed	<i>Listeria monocytogenes</i> Detection		AOAC 2013.11; bioMérieux VIDAS LMX 30 123
Food, Feed	Detection of <i>Salmonella</i> spp.		AOAC 2013.01 bioMérieux VIDAS UP SPT 30 707
Food, Feed	Detection of <i>Salmonella</i> spp.		TS EN ISO 6579-1
Food, Feed	Aerobic Colony Count Pour Plate Technique		ISO 4833-1
Food, Feed	<i>Escherichia coli</i> Count Colony Count technique		ISO 16649-2
Food, Feed	Coliform Bacteriae Count Colony Count technique		ISO 4832
Food, Feed	<i>Listeria monocytogenes</i> (<i>Listeria</i> spp.) detection		ISO 11290-1
Food, Feed	Yeast and Mould Count Colony Count Technique		ISO 21527-1 ISO 21527-2
Food, Feed	Coagulase Positive Staphylococcus Count -(<i>Staphylococcus aureus</i> and other spe) Colony Count Technique		TS 6582-2 EN ISO 6888-1 TS 6582-2 EN ISO 6888-2
Food, Feed	<i>Clostridium perfringens</i> (<i>Clostridium</i> spp.) Count Colony Count Technique		TS EN ISO 7937
Food, Feed	<i>Vibrio</i> spp Detection; <i>Vibrio cholera</i> and <i>Vibrio parahaemolyticus</i> Detection		ISO/TS 21872-1
Raw Milks	Somatic Cell Count		TS EN ISO 13366-1
Food, Feed, Environmental Samples taken From Food Plants	Enterobacteriaceae Count		ISO 21528-2 ISO 21528-1
Food	<i>Bacillus cereus</i> Count Colony Count technique		TS EN ISO 7932




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			Website	: https://arastirma.tarimorman.gov.tr/bursagida
Food	<i>Bacillus cereus</i> Count			AOAC 071401; bioMérieux TEMPO BC;80106
Water	<i>Colony Count</i>			TS EN ISO 6222
Water	<i>Fecal Enterococcus Count</i>			SM 9230 B
Water	<i>Escherichia coli (E.coli)</i> and Coliform Bacteria Count Most Probable Number Technique			ISO 9308-2
Water	Enterococcus Fecal Streptococcus Count			Enterolert-E, Quanti- Tray 2000, TS EN ISO 7899-1
Water	<i>Salmonella</i> Spp. Detection Membrane Filtration Method			ISO 19250
Food (except milk and dairy product)	B-Glucuronidase Positive <i>E. coli</i> Count			ISO/TS 16649-3
Food, Feed and Food Contact Surfaces	<i>Escherichia coli</i> Count Most Probable Number Technique			ISO 7251
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event MON89788 Real Time PCR Metod Pre-treatment: DNA Extraction			EURL Method (QT-EVE-GM-006), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event MON15985 Real Time PCR Metod Pre-treatment: DNA Extraction			EURL Method (QT-EVE-GH-005), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event MON1445 Real Time PCR Metod Pre-treatment: DNA Extraction			EURL Method (QT-EVE-GH-003), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event MON531 Real Time PCR Metod Pre-treatment: DNA Extraction			EURL Method (QT-EVE-GH-004), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event MON-40-3-2 Real Time PCR Metod Pre-treatment: DNA Extraction			EURL Method (QT-EVE-GM-005), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event RT73 Real Time PCR Metod Pre-treatment: DNA Extraction			EURL Method (QT-EVE-BN-004), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571




Accreditation Scope

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			Website : https://arastirma.tarimorman.gov.tr/bursagida	
Food, Feed and Seed	Identification and Quantification Analysis of Sugar Beet Event H7-1 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-BV-001), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event A2704-12 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-004), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MIR604 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-013), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event Bt11 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-015), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event T45 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-BN-001), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event RF3 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-BN-003), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event MS8 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-BN-002), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event MON87701 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-010), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event A5547-127 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-007), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event DP-356043-5 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-009), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	




Accreditation Scope

 TÜRKAK Test TS EN ISO/IEC 17025 AB-0030-T			GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ Accreditation Nr: AB-0030-T Revision Nr: 26 Date: 31.07.2024	
Testing Laboratory				
Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye			Phone : +90 224 246 4721	
			Fax : -	
			Email : vesile.cetin@tarimorman.gov.tr	
			Website : https://arastirma.tarimorman.gov.tr/bursagida	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event 3272 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-019), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event 281-24-236 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GH-001A), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event 3006-210-23 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GH-001B), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event LLCOTTON25 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GH-002), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MIR162 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-022), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event Topas19/2 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-BN-008), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event GHB614 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GH-006), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event T25 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-011), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event MS1 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-BN-005), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event MON88913 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GH-007), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	




Accreditation Scope

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Testing Laboratory				
Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye			Phone : +90 224 246 4721	
			Fax : -	
			Email : vesile.cetin@tarimorman.gov.tr	
			Website : https://arastirma.tarimorman.gov.tr/bursagida	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event MON87708 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-012), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event MON87769 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-002), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event DP-305423-1 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-008), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON87460 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-005), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event MON88302 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-BN-010), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event CV127 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-011), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event MON87705 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-003), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event T304-40 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GH-009), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Soybean Plant Specific Gene Detection Analysis Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-TAX-GM-009), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Maize Plant Specific Gene Detection Analysis Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-TAX-ZM-002), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	




Accreditation Scope

 GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ Accreditation Nr: AB-0030-T Revision Nr: 26 Date: 31.07.2024		
Testing Laboratory		
Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZİ Bursa / Türkiye		Phone : +90 224 246 4721 Fax : - Email : vesile.cetin@tarimorman.gov.tr Website : https://arastirma.tarimorman.gov.tr/bursagida
Food, Feed and Seed	Cotton Plant Specific Gene Detection Analysis Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-TAX-GH-018), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Oilseed Rape Plant Specific Gene Detection Analysis Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-TAX-BN-012), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Sugar Beet Plant Specific Gene Detection Analysis Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-TAX-BV-013), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event DAS-40278-9 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-004), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event FG72 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-GM-001), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event GHB119 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-GH-008), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON87427 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-003), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event DAS-44406-6 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-GM-015), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	GMO Screening Analysis(p35S, tNOS, pFMV, bar) Real Time PCR Metod Pre-treatment: DNA Extraction	Kit Method (Biotecon Foodproof GMO Screening Kit), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event DAS-68416-4 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-GM-013), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571




Accreditation Scope

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Testing Laboratory		
Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye		Phone : +90 224 246 4721 Fax : - Email : vesile.cetin@tarimorman.gov.tr Website : https://arastirma.tarimorman.gov.tr/bursagida
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event GA21 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-007), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event DAS-81419-2 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-GM-014), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event NK603 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-008), ISO 21570, ISO 2427 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event 4114 Real Time PCR Method Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-026), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON863 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL METOT (QT-EVE-ZM-009), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON 87411 Real Time PCR Method Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-024), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON810 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-020), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON 87403 Real Time PCR Method Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-025), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event TC1507 Real Time PCR Metod Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-010), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571
Food, Feed and Seed	Identification and Quantification Analysis of 5307 Maize GDO Event Real Time PCR Method Pre-treatment: DNA Extraction	EURL Method (QT-EVE-ZM-002), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571




Accreditation Scope

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Testing Laboratory				
Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye			Phone : +90 224 246 4721	
			Fax : -	
			Email : vesile.cetin@tarimorman.gov.tr	
			Website : https://arastirma.tarimorman.gov.tr/bursagida	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event DAS59122 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-012) ISO 21570 ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of MZHGOJG Maize GDO T Event Real Time PCR Method Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-027), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON88017 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-016) ISO 21570 ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event MON 87751-7 Real Time PCR Method Pre-treatment: DNA Extraction		EURL Method (QT-EVE-GM-016) ISO 21570 ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON89034 Real Time PCR Metod Pre-treatment: DNA Extraction		EURL Method (QT-EVE-ZM-018) ISO 21570 ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MZIR098 Real Time PCR Method Pre-Process: DNA Extraction		EURL Method (QT-EVE-ZM-028) ISO 21570 ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event SYHT0H2 Real Time PCR Method Pretreatment: DNA extraction		EURL Method (QT-EVE-GM-017), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON 87429 Real Time PCR Method Pre-treatment: DNA Extraction		EURL METHOD (QT-EVE-ZM-030), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Maize Event MON 95379 Real Time PCR Method Pre-treatment: DNA Extraction		EURL METHOD (QT-EVE-ZM-033), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event MON 94100 Real Time PCR Method Pre-treatment: DNA Extraction		EURL METHOD (QT-EVE-BN-014), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	



Accreditation Scope

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Testing Laboratory				
Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye			Phone : +90 224 246 4721	
			Fax : -	
			Email : vesile.cetin@tarimorman.gov.tr	
			Website : https://arastirma.tarimorman.gov.tr/bursagida	
Food, Feed and Seed	Identification and Quantification Analysis of Cotton Event GHB 811 Real Time PCR Method Pre-treatment: DNA Extraction		EURL METHOD (QT- EVE-GH-013), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Soybean Event GMB 151 Real Time PCR Method Pre-treatment: DNA Extraction		EURL METHOD (QT- EVE-GM-018), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	Identification and Quantification Analysis of Oilseed Rape Event DP-073496-4 Real Time PCR Method Pre-treatment: DNA Extraction		EURL METHOD (QT- EVE-BN-009), ISO 21570, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	GMO Screening Analysis (p35S, tNOS, pFMV) Real Time PCR Method Pre-treatment: DNA Extraction		Kit Method (Bosphore GMO Screening S35-TNOS-FMV Test Kit), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Food, Feed and Seed	GMO Screening Analysis (p35S, tNOS, pFMV) Real Time PCR Method Pre-treatment: DNA Extraction		EURL METHOD (QL-ELE-00-012 / QL-ELE-00-015), ISO 21569, ISO 24276 Kit Method (Eurofins GENESpin DNA Isolation Kit, Bosphore Plant DNA Extraction Spin Kit) ISO 21571	
Yoghurt and Cheese	Determination of Organic Acids (Oxalic Acid, Formic Acid, Pyruvic Acid, Lactic Acid, Acetic Acid, Citric Acid, Succinic Acid, Propionic Acid, Butyric Acid) HPLC-DAD Method		In-house Method- "GEB-TL-63 Rev. No 00" Modified from : DOI:10.1016/j.talanta.2016.01.061	
Lactic Acid Bacteria	Sequencing 16S Gene Ribo Printer Method Pre-treatment: EcoRI enzyme treatment		Kit Method (Ribo Printer Kit Procedure) Kit Method (EcoRI Enzyme Kit)	
Lactic Acid Bacteria	Sequencing 16S Gene New Generation Sequencing Method (NGS) Pre-treatment: DNA Extraction		Kit Method (Nextera DNA Flex Library Prep and MiniSeq Mid Output 300-cycles kit procedure) Kit Method (GeneMATRIX Tissue Bacterial DNA Extraction Kit)	
Lactic Acid Bacteria	Sequencing Whole Genome New Generation Sequence Method Pre-treatment: DNA extraction		Kit Method (Nextera DNA Flex Library Prep ve MiniSeq Mid Output 300-cycles kit procedure) Kit Method (GeneMATRIX Tissue Bacterial DNA extraction kit) Kit Method (iQuant kit procedure)	
Lactic acid bacteria	Sequencing Target gene New Generation Sequence Method Pre-treatment: DNA extraction		Kit Method (Nextera DNA Flex Library Prep ve MiniSeq Mid Output 300-cycles kit procedure) Kit Method (GeneMATRIX Tissue Bacterial DNA extraction kit) Kit Method (iQuant kit procedure)	



Accreditation Scope

 <p style="text-align: center;">GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ</p> <p style="text-align: center;">Accreditation Nr: AB-0030-T Revision Nr: 26 Date: 31.07.2024</p>		
Testing Laboratory		
Address : ADALET MAH. 1.HÜRRİYET CAD. NO:128 /1 OSMANGAZI Bursa / Türkiye		Phone : +90 224 246 4721 Fax : - Email : vesile.cetin@tarimorman.gov.tr Website : https://arastirma.tarimorman.gov.tr/bursagida
Lactic acid bacteria	Identification with VITEK MS MALDI-TOF Mass Spectrophotometry MALDI-TOF MS Method	In-house Method-"GEG-TL-24 Rev. No 00" Modified from : Equipment Manuel, doi.org/10.1016/j.diagmicrobio.2013.08.013
Foods with High Water Content, and Foods with High Acid and High Water Content	Detection and Quantification Analysis of Selected Pesticides LC-MS/MS Method [Number of Selected Pesticides Analyzed is 405 2,4 DNOP (Meptyldinocap-phenol); 2,4 DNOPC (Meptyldinocap); 2,4,6-Trichlorophenol; 2,4-DB; 2,4-D (2,4-Dichlorophenoxyacetic acid); 2-Hydroxypropoxycarbazone; 4,6-dihydroxy tembotrione; 6-Benzyladenine; 8-hydroxyquinoline (Quinolnol); Abamectin (the sum of Avermectin (B1a)-Avermectin (B1b)mix); Acephate, Acequinocyl; Acetamiprid; Acibenzolar acid (CGA 210007); Acrinathrin; Aldicarb (the sum of Aldicarb sulfoxide and Aldicarb sulfone, calc. as Aldicarb); Ametoctradin; Amidosulfuron; Aminopyralid; Amitraz (including its metabolites containing the 2,4-dimethylaniline group, in terms of Amitraz); Anilofos; Atrazine; Azadirachtin; Azimsulfuron; Azinphos methyl; Aziprotryne; Azoxystrobin; Benalaxyl; Bendiocarb; Bensulfuron-methyl; Bentazone; Bentazone-6-hydroxy; Bentazone-8-hydroxy; Benzobicyclon; Bicyclopyrone metabolite (CSCD686480); Bicyclopyrone metabolite (SYN503780); Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate); Bispyribac sodium; Bitertanol; Bixafen; Boscalid; Bromacil; Bromoxynil; Bromuconazole; Bupirimate; Buprofezin; Butralin; Butylate; Cadusafos; Carbaryl; Carbendazim and Benomyl (the sum of Benomyl and Carbendazim, calc. as Carbendazim); Carbofuran (all Carbofuran produced from Carbosulfan, Benfuracarb or Furathiocarb and the sum of 3-OH Carbofuran (sum of Carbofuran); Carboxin (sum of carboxin and its metabolites carboxin sulfoxide and oxycarboxin (carboxin sulfone), calc. as carboxin); Carfentrazone-ethyl; Chlorantraniliprole; Chlorbromuron; Chlorfenvinphos; Chlorfluzuron; Chlorfluzuron; Chloridazon (the sum of Chloridazon and Chloridazon-desphenyl, calc. as Chloridazon); Chlorotoluron; Chloroxuron; Chlorpyrifos; Chlorsulfuron; Clethodim (Total of Sethoxydim and Clethodim, including cleavage products calc. as Sethoxydim); Clodinafop (free acid); Clodinafop-propargyl; Clofentezine; Clomazone; Clothianidin; Coumaphos; Cyanazine; Cyazofamid; Cymoxanil; Cycloate; Cycloxydim; Cyflufenamid; Cyflumetofen; Cymoxanil; Cyproconazole; Cyprodinil; Cyromazine; Deltamethrin (cis-deltamethrin); Demeton S methyl; Demeton S methyl sulfone; Desmedipham; Diafenthiuron; Diazinon; Dicamba; Dichlorprop; Dichlorprop-P; Dichlorvos; Dicrotophos; Diethofencarb; Difenconazole; Diflubenzuron; Diflufenican; Dimefox; Dimethachlor; Dimethenamide (sum of isomers containing other mixtures of component isomers including dimethenamide-P); Dimethoate; Dimethomorph (sum of isomers); Diniconazole (sum of isomers); Dinocap; Dinoseb; Dioxacarb; Dioxathion; Diphenamid; Diphenylamine; Disulfoton (the sum of Disulfoton, Disulfoton sulfoxide and Disulfoton sulfone; calc. as Disulfoton); Ditalimfos; Dithianon; Diuron; DNOC; Dodine; Emamectin benzoate B1a (in terms of Emamectin); Epoxiconazole; EPTC (ethyl dipropylthiocarbamate); Ethametsulfuron methyl; Ethidimuron; Ethiofencarb; Ethion; Ethirimol; Ethofumesate (the sum of Ethofumesate and metabolite 2,3-dihydro-3,3-dimethyl-2-oxo-benzofuran-5-yl methanesulphonate); Ethoprophos; Ethoxyquin; Ethoxysulfuron; Etofenprox; Etoazole; Etrinfos; Famoxadone; Fenamidone; Fenamiphos; Fenamiphos sulfone; Fenamiphos sulfoxide; Fenazaquin; Fenbuconazole (component isomers); Fenhexamid; Fenobucarb; Fenoxaprop-P; Fenoxaprop-P-ethyl; Fenoxycarb; Fenpropathrin; Fenpropidin; Fenpropimorph (sum of isomers); Fenpyrazamine; Fenpyroximate; Fensulfthion; Fenthion; Fenthion oxon; Fenthion oxon sulfoxide; Fenthion sulfoxide; Fentin acetate; Fipronil (the sum of fipronil and sulfone metabolite (MB46136); calc. as Fipronil); Flazasulfuron; Flonicamid; Florasulam; Floryauxifen benzy; Fluazifop-P; Fluazifop-P-butyl; Fluziazin; Flubendiamide; Flucarbazone sodium; Fludioxonil; Flufenacet; Flufenacet ethane sulfonic acid (ESA) sodium salt; Flufenoxuron; Flufenzin; Fluometuron; Fluopicolide; Fluopyram; Fluoxastrobin (Fluoxastrobin ve Z-izomer toplami); Flupyradifurone; Fluquinconazole; Flurochloridone (sum of cis- and trans- isomers); Fluroxypyr; Fluroxypyr-1-methylheptyl ester; Fluroxypyr-2-methoxy; Flusilazole; Fluthiacet methyl; Flutolanil; Flutriafol; Fluxapyroxad; Fomesafen; Fonofos; Foramsulfuron; Forchlorfenuron; Formetanate; Fosthiazate; Fuberidazole; Furalaxyl; Halauxifen methyl (halauxifen methyl ve X11393729 (halauxifen) toplami, halauxifen-methyl cinsinden); Halosulfuron methyl; Haloxypop; Haloxypop (free acid); Haloxypop-2-etoxy methyl; Haloxypop-R-methyl; Heptenophos; Hexaconazole; Hexaflumuron; Hexythiazox; Hymexazol; IM-2-1 (Acetamiprid-N-desmethyl); Imazalil; Imazamox; Imazapic; Imazapyr; Imazethapyr; Imidacloprid; Indaziflam; Indole 3-butyric acid; Indoxacarb; Iodosulfuron methyl; Iodosulfuron-methyl-sodium; Ioxynil; Iproconazole; Iprodione; Iprovalicarb; Isazofos; Isocarboxiphos; Isofenphos; Isofenphos-methyl; Isopropcarb; Isoproturon; Isopyrazam; Isoxaben; Isoxaflutole; Kresoxim-methyl; Lenacil; Linuron; Lufenuron (Any ratio of component isomers); Malathion (the sum of Malathion and Malaaxon ; calc. as Malathion); Mandipropamid (any ratio of component isomers); MCPA; MCPB; Mecarbam; Mecoprop (the sum of Mecoprop-P and Mecoprop ; calc. as Mecoprop); Mefenpyr-diethyl; Mefentriulfonazole; Mepanipyrim; Mepronil; Mesosulfuron methyl; Mesotrione; Metaflumizone; Metalaxyl and Metalaxyl-M (the sum of Metalaxyl isomers along with other compound isomer mixtures including Metalaxyl-M); Metamitron; Metazachlor; Metazachlor 479M08; Metconazole (sum of isomers); Methamidophos; Methidathion; Methiocarb (Methiocarb and the sum of Methiocarb sulfoxide and sulfone; calc. as in Methiocarb); Methomyl; Methoprene; Methoxyfenozide; Metobromuron; Metolachlor and S-Metolachlor (sum of isomers including S-metolachlor and related other components); Metolachlor-S; Metosulam; Metoxuron; Metrafenone; Metribuzin; Metsulfuron-methyl; Mevinphos; Monocrotophos; Monolinuron; Myclobutanil; Napropamide (sum of isomers); Nicosulfuron; Norflurazon; Novaluron; Nuarimol; Ofurace; Orthosulfuron; Oxadiazon; Oxadixyl; Oxamyl; Paclobutrazol (sum of component isomers); Penconazole (sum of component isomers); Paraoxon ethyl; Parathion methyl (the sum of Parathion methyl and Paraoxon methyl, calc. as Parathion methyl); Penconazole; Pencycuron (the sum of pencycuron and pencycuron-PB-amine, calc. as pencycuron); Pendimethalin; Penflufen; Penoxsulam; Pentanochlor; Penthiopyrad; Phenmedipham; Phenthoate; Phorate sulfone; Phosalone; Phosmet; Phosmet oxon; Phosphamidon; Phoxim; Picloram; Picoxystrobin; Pinoxaden; Pirimicarb (the sum of Pirimicarb and desmethyl pirimicarb; calc. as Pirimicarb); Pirimiphos ethyl; Pirimiphos methyl; Primisulfuron- methyl; Prochloraz; Prochloraz desimidazole-amino; Profenofos; Profoxydim-lithium; Promecarb; Prometryn; Propachlor; Propamocarb; Propaquizafop; Propargite; Propazine; Propham; Propiconazole (sum of isomers); Propoxur; Propoxycarbazone; Propoxycarbazone sodium; Propyzamide; Proquinazid; Proslufocarb; Proslufuron; Prothioconazole; PTU (propylene thiourea); Pymetrozine; Pyraclostrobin; Pyraflufen-ethyl; Pyrazophos; Pyrethrins; Pyridaben; Pyridafol; Pyridalyl; Pyridalyl; Pyridaphention; Pyridate; Pyrifenox; Pyrimethalin; Pyriofenone; Pyriproxyfen; Pyroxsulam; Quinalphos; Quinclorac; Quinmerac; Quinoxifen; Quizalofop; Quizalofop free acid; Quizalofop-P tefuryl; Quizalofop-P-ethyl; Rabenzazole; Rimsulfuron; Sedaxane (izomerler toplami); Simazine; Sodium 5-nitroguaiacolate, sodium o-nitrophenolate ve sodium p-nitrophenolate toplami, sodium 5-nitroguaiacolate cinsinden; Spinetoram (Spinetoram-J ve Spinetoram-L toplami); Spinosaad; Spirodiclofen; Spirotetramat ve spirotetramat-enol toplami, spirotetramat cinsinden; Spiroxamine (sum of isomers); Sulfosulfuron; Sulfotep; Tebuconazole; Tebufenozide; Tebufenpyrad; Teflubenzuron; Tembotrione (ana tembotrione (AE0172747) ve metabolit M5 (4,6-dihydroxy tembotrione) toplami, tembotrione cinsinden); Tepaloxylidim; Terbumeton; Terbutylazine; Tetraclorvinphos; Tetraconazole; Tetramethrin; TFNA; TFNG; Thiabendazole; Thiachlorid; Thiamethoxam; Thiencazone methyl; Thifensulfuron-methyl; Thiodicarb; Thiophanate-methyl; Tolfenpyrad; Tralkoxydim (sum of component isomers); Triadimefon; Triadimenol; Triasulfuron; Triazophos; Tribenuron-methyl; Trichlorfon; Triclopyr; Triclopyr-2-butoxyethyl ester; Tridemorph; Trifloxystrobin; Trifloxysulfuron; Triflumizole; Triflumuron; Triflusulfuron (6-(2,2,2-trifluoroethoxy)-1,3,5-triazine-2,4-diamine (IN-M7222); Triflorine; Trinexapac (free acid); Trinexapac ethyl; Triticonazole; Tritosulfuron; Valifenalate; Vamidothion; Vernolate; Zoxamide;	
Products Based on Plant Origin	Salt Determination Titrimetric Method	TS 5000 TS 774

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>TÜRKAK Türk TS EN ISO/IEC 17025 AB-0030-T</p>	<p>GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ</p> <p>Accreditation Nr: AB-0030-T Revision Nr: 26 Date: 31.07.2024</p>
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Environmental Tests		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Water	Determination of Volatile Organic Compounds (VOC) Benzene; Bromodichloromethane; Dibromochloromethane; 1,2 Dichloroethane; Tetrachloroethene; Tribromomethane; Trichloroethene; Trichloromethane; Vinylchloride Pre-treatment: Purge&Trap (P&T) Measurement: GC/MS-P&T Method	EPA 524.2
Water	Determination of Organochlorine Pesticides Alachlor; Aldrin; Alfa Endosulfan; Alfa HCH; Beta Endosulfan; Beta HCH; Bifenthrin; Bromopropylate; Chlorfenvinphos; Chlorthal Dimethyl; Cyfluthrin; Delta HCH; Dieldrin; Endosulfan Sulfate; Endrin; Fenarimol; Fenpropathrin; Fenvalerate; Gamma-HCH; Heptachlor; Heptachlor endo (trans iso A); Heptachlor exo (cis iso B); Hexachlorobenzene; Lambda cyhalothrin; o,p-DDD (2,4-DDD); o,p-DDE (2,4-DDE); o,p-DDT (2,4-DDT); p,p-DDD (4,4-DDD); p,p-DDE (4,4-DDE); p,p-DDT (4,4-DDT) Procymidone; Propylamide; Quintozene; Tetraconazole; Triadimefon; Trifloxystrobin; Trifluralin; Vinclozolin Pre-treatment: Solvent extraction Measurement: GC-ECD Method	In-house Method- "KKB-TL-18 Rev. No 06" (Modified from EPA 508)
Water	Determination of Organochlorine Pesticides Alachlor; Aldrin; Alfa Endosulfan; Alfa HCH; Beta Endosulfan; Beta HCH; Bifenthrin; Bromopropylate; Chlorfenvinphos; Chlorthal Dimethyl; Cyfluthrin; Delta HCH; Dieldrin; Endosulfan Sulfate; Endrin; Fenarimol; Fenpropathrin; Fenvalerate; Gamma-HCH; Heptachlor; Heptachlor endo (trans iso A); Heptachlor exo (cis iso B); Hexachlorobenzene; Lambda cyhalothrin; o,p-DDD (2,4-DDD); o,p-DDE (2,4-DDE); o,p-DDT (2,4-DDT); p,p-DDD (4,4-DDD); p,p-DDE (4,4-DDE); p,p-DDT (4,4-DDT) Procymidone; Propylamide; Quintozene; Tetraconazole; Triadimefon; Trifloxystrobin; Trifluralin; Vinclozolin Pre-treatment: Solvent extraction Measurement: GC-MS/MS Metodu	In-house Method- "KKB-TL-18 Rev. No 06" (Modified from EPA 508)
Water	Determination of Organophosphorus Pesticides Bromophos-Ethyl; Bromophos-Methyl; Cadusofos; Chlorpyrifos-ethyl; Chlorpyrifos-methyl; Demeton-S-methyl; Diazinon; Dicrotophos; Dimethoate; Ditalimfos; Ethion; Ethoprophos; Etrifofos; Fenthion; Heptenophos; Iodofenphos; Isazafos; Isofenphos; Leptophos; Malathion; Mecarbam; Mephosfolan; Methacrifos; Methidathion; Paraxon-ethyl; Paraxon-methyl; Parathion-ethyl; Phenthoate; Phorate; Phosalone; Phosmet; Primiphos-ethyl; Primiphos-methyl; Prothiofos; Pyrazophos; Pyridaphenthion; Quinalphos; Sulfotep; Sulprofos; Terbufos; Tetrachlorvinphos; Triazophos Pre-treatment: Solvent extraction Measurement: GC-FPD Method	In-house Method- "KKB-TL-18 Rev. No 06" (Modified from EPA 508)
Water	Determination of Organophosphorus Pesticides Bromophos-Ethyl; Bromophos-Methyl; Cadusofos; Chlorpyrifos-ethyl; Chlorpyrifos-methyl; Demeton-S-methyl; Diazinon; Dicrotophos; Dimethoate; Ditalimfos; Ethion; Ethoprophos; Etrifofos; Fenthion; Heptenophos; Iodofenphos; Isazafos; Isofenphos; Leptophos; Malathion; Mecarbam; Mephosfolan; Methacrifos; Methidathion; Paraxon-ethyl; Paraxon-methyl; Parathion-ethyl; Phenthoate; Phorate; Phosalone; Phosmet; Primiphos-ethyl; Primiphos-methyl; Prothiofos; Pyrazophos; Pyridaphenthion; Quinalphos; Sulfotep; Sulprofos; Terbufos; Tetrachlorvinphos; Triazophos Pre-treatment: Solvent extraction Measurement: GC-MS/MS Method	In-house Method- "KKB-TL-18 Rev. No 06" (Modified from EPA 508)
Water	Determination of Acrylamide Measurement: LC/MSMS Method	In-house Method- "KKB-TL-93 Rev. No 03" (Modified from Analysis of Acrylamide in Tap Water Using Triple Quadrupole LC/MS/MS)
Water	Determination of Polycyclic Aromatic Hydrocarbons (PAH) [Benzo (a) pyrene; Benzo (b) fluoranthene; Benzo (ghi) perylene; Benzo (k) fluoranthene; Indeno (1,2,3-cd) pyrene] Pre-Treatment: Liquid-Liquid Extraction Measurement: HPLC UV/FLD Method	In-house Method- "KMB-TL-02 Rev. No:00" (Modified from EPA 610)
Water	Determination of Aluminum (Al), Antimony (Sb), Arsenic (As), Copper (Cu), Barium (Ba), Beryllium (Be), Boron (B), Mercury (Hg), Zinc (Zn), Iron (Fe), Silver (Ag), Cadmium (Cd), Tin (Sn), Calcium (Ca), Cobalt (Co), Chromium (Cr), Lead (Pb), Magnesium (Mg), Manganese (Mn), Nickel (Ni), Potassium (K), Selenium (Se), Sodium (Na), Vanadium (V) Pre-treatment: Filtration Pre-treatment: Acidic Microwave Extraction Measurement: ICP-MS Method	TS EN ISO 15587-2 TS EN ISO 17294 1-2



Accreditation Scope



GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ

Accreditation Nr: AB-0030-T
Revision Nr: 26 Date: 31.07.2024

Waste water	Determination of Aluminum (Al), Antimony (Sb), Arsenic (As), Copper (Cu), Barium (Ba), Beryllium (Be), Boron (B), Mercury (Hg), Zinc (Zn), Iron (Fe), Silver (Ag), Cadmium (Cd), Tin (Sn), Calcium (Ca), Cobalt (Co), Chromium (Cr), Lead (Pb), Magnesium (Mg), Manganese (Mn), Nickel (Ni), Potassium (K), Selenium (Se), Sodium (Na), Vanadium (V) Pre-treatment: Filtration Pre-treatment: Acidic Microwave Extraction Measurement: ICP-MS Method	TS EN ISO 15587-2 TS EN ISO 17294 (1/2)
Water	Determination of Total Suspended Solid Gravimetric Method	TS EN 872
Water	Determination of pH Electrometric Method	TS EN ISO 10523
Water	Determination of Color Spectrophotometric Method	SM 2120 C
Water	Determination of Ammonia/Ammonia Nitrogen Spectrophotometric Method Pre-treatment: Distillation Method Measurement: Nesslerization Method	ASTM D1426 A
Water	Determination of Nitrite/Nitrite Nitrogen Spectrophotometric Method	SM 4500-NO ₂ ⁻ B
Water	Determination of Nitrate/Nitrate Nitrogen Spectrophotometric Method	TS 6231
Water	Determination of Oil and Grease Pre-treatment: Solvent Extraction Method Measurement: Gravimetric Method	SM 5520 B
Water	Determination of Conductivity Electrometric Method	TS 9748 EN 27888
Water	Determination of Chloride Titrimetric Method	SM 4500-Cl ⁻ B
Water	Determination of Sulfate Spectrophotometric Method	SM 4500 SO ₄ ²⁻ E
Water	Determination of Hardness EDTA Titrimetric Method	SM 2340 C
Water	Determination of Chemical Oxygen Demand (COD) Open Reflux Method-Titrimetric Method	SM 5220 B
Water	Determination of Phosphate/Phosphate Phosphorus Spectrophotometric Method	SM 4500-P E
Water	Determination of Total Phosphorus Pre-treatment: Extraction Method Measurement: Spectrophotometric Method	SM 4500-P B SM 4500-P E
Water	Determination of Total Kjeldahl Nitrogen Kjeldahl Method	AOAC 973.48
Water	Determination of Bromate, Bromide, Fluoride, Chlorate, Chlorite, Chloride, Nitrate, Nitrite, Orthophosphate and Sulfate IC Method	EPA 300.1
Water	Determination of Phenol Pre-treatment: Distillation Method Measurement: Spectrophotometric Method	SM 5530 B SM 5530 D
Water	Determination of Free Cyanide Spectrophotometric Method	SM 4500-CN E





GIDA VE YEM KONTROLMERKEZ ARAŞTIRMA ENSTİTÜSÜ MÜDÜRLÜĞÜ

Accreditation Nr: AB-0030-T
Revision Nr: 26 Date: 31.07.2024

Water	Determination of Total Cyanide Pre-treatment: Distillation Method Measurement: Spectrophotometric Method	SM 4500-CN C SM 4500-CN E
Waste water	Determination of Total Suspended Solid Gravimetric Method	TS EN 872
Waste water	Determination of pH Electrometric Method	TS EN ISO 10523
Waste water	Determination of Ammonia/Ammonia Nitrogen Pre-treatment: Distillation Method Measurement: Nesslerization Method	ASTM D1426 A
Waste water	Determination of Ammonia/Ammonia Nitrogen Pre-treatment: Distillation Method Measurement: Titrimetric Method	SM 4500-NH ₃ B SM 4500-NH ₃ C
Waste water	Determination of Nitrite/Nitrite Nitrogen Spectrophotometric Method	SM 4500-NO ₂ ⁻ B
Waste water	Determination of Nitrate/Nitrate Nitrogen Spectrophotometric Method	TS 6231
Waste water	Determination of Oil and Grease Pre-treatment: Solvent Extraction Method Measurement: Gravimetric Method	SM 5520 B
Waste water	Determination of Conductivity Electrometric Method	TS 9748 EN 27888
Waste water	Determination of Chloride Titrimetric Method	SM 4500-Cl ⁻ B
Waste water	Determination of Sulfate Spectrophotometric Method	SM 4500 SO ₄ ²⁻ E
Waste water	Determination of Chemical Oxygen Demand (COD) Open Reflux Method-Titrimetric Method	SM 5220 B
Waste water	Determination of Phosphate/Phosphate Phosphorus Spectrophotometric Method	SM 4500-P E
Waste water	Determination of Total Phosphorus Pre-treatment: Digestion Method Measurement: Spectrophotometric Method	SM 4500-P B SM 4500-P E
Waste water	Determination of Total Kjeldahl Nitrogen Kjeldahl Method	AOAC 973.48
Waste water	Determination of Phenol Pre-treatment: Distillation Method Measurement: Spectrophotometric Method	SM 5530 B SM 5530 D
Waste water	Determination of Free Cyanide Spectrophotometric Method	SM 4500-CN E
Waste water	Determination of Bromide, Fluoride, Chloride, Nitrate, Nitrite, Orthophosphate, and Sulfate IC Method	EPA 300.0
Waste water	Determination of Total Cyanide Pre-treatment: Distillation Method Measurement: Spectrophotometric Method	SM 4500-CN C SM 4500-CN E



