



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

HALAL ACCREDITATION CERTIFICATE

Laboratory Performing Halal Testing

**Mikrokim Laboratuvar Hizmeti Kimya Gıda
Danışmanlık Çevre Eğitim San. ve Tic. Ltd. Şti.**

Address : İçören Mah. Değirmenyolu Cad. Kutay İş Merkezi C Blok
No:16 Kat:2 Daire:6 Kat:4 Daire: 9-10 Ataşehir /İSTANBUL /TÜRKİYE

**Accredited in accordance with the OIC/SMIIC 35:2020
Standard for the attached scope.**

Halal Accreditation Number

2024-057

Halal Accreditation Scope

Shown in annex

Initial Halal Accreditation Date

07.06.2024

Expiry Date

07.06.2029

This certificate is valid with the halal accreditation scope until the expiry date, as long as the laboratory fully complies with the OIC/SMIIC 35:2020 Standard, national legislation and Halal Accreditation Agency rules.


Zafer SOYLU
Chairman of the Board



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Testing Fields-Tested Materials/Products	Name of the Test	Testing Method (national, international standards, in-house methods)
Meat and Meat Products	Moisture Determination	AOAC 950.46
Animal Feed	Moisture Determination	29955 Official Gazette No. (Regulation on sampling and analysis methods for the official control of feed)
Cheese	Moisture Determination	AOAC 948.12
Butter	Moisture Determination	AOAC 920.116
Cereal and Cereal Products (Except Corn and Legumes)	Moisture Determination	TS EN ISO 712
Bread	Moisture Determination	TS 5000
Roasted, Ground Coffee	Moisture Determination	TS ISO 11294
Instant Coffee	Moisture Determination	TS ISO 3726
Food (Ash Content Covers Food with Ash Amount in 100 Grams 0,07 to 8 Grams.)	Determination of Ash	NMKL 173
Feed and Feed Additives	Determination of Ash	AOAC 942.05
Meat and Meat Products	pH Electrometric Method	TS 3136 ISO 2917
Instant Coffee	pH Electrometric Method	TS ISO 3726
Bread and Biscuit	Determination of Salt Titrimetric Method	TS 5000
Meat and Meat Products	Determination of Salt Titrimetric Method	AOAC 935.47
Meat and Meat Products	Determination of Starch Titrimetric Method	TS 6812
Food	Determination of Total Nitrogen and Protein Kjeldahl Method	NMKL No:6



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Feed and Feed Additives	Determination of Total Nitrogen and Protein Kjeldahl Method	AOAC 2001.11
Food (Except Milk and Dairy Products)	Determination of Fat Content	NMKL 160
Milk and Milk Products	Determination of Fats by Gerber Method	In-house Method- "MİKROKİM.SOP.02.165 Rev01"(Modified from ButyrometricDetermination of Fat Content of VariousDairy Product)
Feed and Feed Additives	Determination of Crude Oil or Ether Extract	AOAC 920.39
Honey	Sugar Components (Glucose, Fructose, Saccarose, Lactose and Maltose) Analysis HPLC-RID Dedector	IHC Bölüm 7.2
Chocolate	Sugar Components (Glucose, Fructose, Saccarose, Lactose and Maltose) Analysis HPLC-RID Dedector	AOAC 980.13
Food	Determination of MonosodiumGlutamate (MSG) (in Terms of L-GlutamicAcid) Spectrophotometric Method	In-house Method- "MİKROKİM.SOP.02.026 REV.03" (Modified from R-Biopharm L- GlutamicAcid Colorimetric Method)
Fish and Fish Products	Determination of Biogenic Amines (Histamine) HPLC - UV Method	NMKL 196
Food	Colour / Determiation of Food Dyes (E - 102 Tartrazin / Acid Yellow 23, E - 104 Quinoline Yellow, E - 110 Sunset Yellow FCF, E - 120 Carminicacid / Acid Red 4, E - 122 Carmosin (Azorubin), E - 123 Amaranth / Acid Red 27, E - 124 Ponceau 4R / Acid Red 18, E - 127 Eritrosin B, E- 129 Allura Red AC, E -131 Patent Blue V / Acid Blue 3, E - 132 Indigotine / Indigo Carmine, E - 133 Brillant Blue FCF / Acid Blue 9, E - 142 Green S / Acid Green 50) HPLC - UV / DAD Method	In-house Method- "MİKROKİM.SOP.02.177 REV.01" (Modified from NMKL 130, WatersApplication Note)
Gıda, Gıda Takviye	Asesülfam-K, Aspartam ve Sakkarin Tayini HPLC-UV /DAD Metodu	JAOAC Vol.76 No:2 TS EN 12856



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Food, Food Supplement	Determination of Acesulfame-K, Aspartame and Saccharin HPLC-UV /DAD Method	JAOAC Vol.76 No:2 TS EN 12856
Food, Aroma and Food Reinforcement	Determination of Benzoic Acid and Sorbic Acid HPLC-UV/DAD Method	NMKL 124
Tea, Coffee and Soft Drinks	Determination of Caffeine HPLC-UV/DAD Method	JAOAC Vol.76 No:2
Food	Determination of PHB (Methyl-Ethyl and Propyl P-Hydroxybenzoate) HPLC-UV/DAD Method	NMKL 124
Food	Determination of Antioxidant (BHA -BHT) HPLC-DAD Method	İşletme İçi Metot "MİKROKİM.SOP.02.201 Rev01" (AOAC 983. 15'ten Modifiye Edilmiştir.)
Jelatine	Determination of Hydrogen Peroxide	European Pharmacopoeia 8.0 Gelatine Sayfa 2323, 91312 Quantofix Peroxid 100
Meat and Meat Products	Determination of Collagen and Hydroxyproline Spectrophotometric Method	AOAC 990.26 TS 6236 ISO 3496
Animal Fats and Milk and Dairy Products	Search for Vegetable Oil GC-FID Method	Turkish Food Codex 2017/26 Communique on Olive Oil and Pirina Oil Analysis Methods TS 7503
Animal and Vegetable Oils, Extracted Oils	Determination of Fatty Acid Composition - Trans fats, Saturated fatty acids-Unsaturated fatty acids monounsaturated fatty acids- Polyunsaturated fatty acids (Buturic Acid (C4:0), Caproic acid (C6:0), Caprylic Acid (C8:0), Capric acid (C10:0), Undecanoic Asit (C11:0), Laurik Acid (C12:0), Tridecanoic Acid (C13:0), Miristike Acid (C14:0), Miristoleik Acid (C14:1), Pentadecanoic Acid (C15:0), Cis-10 - Pentadecanoic Acid (C15:1), Palmitik Acid (C16:0), Palmitoleik Acid (C16:1), Heptadekanoik Acid (C17:0), Heptadesenoik Acid (C17:1), Stearik Acid (C18:0), Elaidic Acid (C18:1n9t), Oleik acid (C18:1n9c), Linolelaidic acid (C18:2n6t), Linoleic acid (C18:2n6c), Araşidic Acid (C20:0), γ-Linolenic asid (C18:3n6), Gadoleik Asit (C20:1),	TGK 2017/26 Communique on Olive Oil and Pirina Oil Analysis Methods In-house Method-" MİKROKİM.SOP.02.179 Rev00" Modified from Agilent Application Note, Analysis of Fatty Acids



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

	Linolenic asid (C18:3n3), Heneicosanoic acid (C21:0), Cis-11,14-Eicosadienoic Acid (C20:2), Behenik Acid (C22:0), Cis- 8,11,14 -Eicosatrienoic Acid (C20:3n6), Erusik Acid (C22:1n9), Cis-11,14,17 -Eicosatrienoic Acid (C20:3n3), Tricosanoic Acid (C23:0), Arachidonic Acid (C20:4n6), Cis-13,16 -Docosadienoic Acid (C22:2), Lignoserik Acid (C24:0), Cis-5,8,11,14,17 -Eicosapentaenoic Acid (C20:5n3), Nervonik Acid (C24:1) Cis-4,7,10,13,16,19-Docosahexaenoic Acid GC-FID Method	
Non-Alcoholic Beverages	Determination of Ethanol (Ethyl Alcohol) and Methanol (Methyl Alcohol) GC FID Method	AOAC 983.13 In-house Method- "MİKROKİM.SOP.02.167 Rev02"(Modified from Alcohols Fast Analysis of Alcohols in Alcoholic Beverages Agilent App. Note)
Spice	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 999.07
Dried Fruits	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 999.07
Cereals and Cereal Products	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 991.31
Milk, Dairy Products, Milk-Based Baby Food	Determination of Aflatoxin M ₁ HPLC-FLD Method	TS EN ISO 14501 In-house Method- "MİKROKİM.SOP.02.160 Rev03"(Modified from R-Biopharm Milk Extraction Method for Aflatoxin M ₁ RefNo: A11-RP71 / 70N.V2)
Cereal Based Baby and Child Foods	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 2000.16
Oil Seeds and Products	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	İşletme İçi Metot -" MİKROKİM. SOP.02.128 Rev No:4" (AOAC 991.31 standartdan modifiye edilmiştir.)
Feed (Mixed, Bovine, Poultry Feed, Cat-Dog Food)	Determination of Aflatoxin B ₁ and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 2003.02



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Cereals, Cereal Products, CerealBased Baby and ChildSupplementary Foods	Determination of Deoxynvalenol (DON) HPLC UV Method	In-house Method- "MİKROKİM.SOP.02.158 Rev02"(Modified from R-Biopharm BabyfoodDeoxynivalenol extraction method Refno: A2 -P50.V8 / R-Biopharm CerealDeoxynivalenol Extraction Method Refno: from A1 - P50.V10)
Feed	Determination of Deoxynvalenol (DON) HPLC UV Method	In-house Method- "MİKROKİM.SOP.02.066 Rev00"(Modified from R-Biopharm AnimalFeed Deoxynivalenol Extraction Method)
Corn and Corn Containing Products, Corn Containing Baby Foods	FDetermination of Fumonisin (FB ₁ +FB ₂) HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.155 Rev02" (R-Biopharm-Fumonisin Extraction MethodRef. No: P31 / V9 / 16.07.12 AOAC2001.04
Chocolate and Cocoa	Determination of Ochratoxin A HPLC-FLD Method	R-Biopharm, Cereal Ochratoxin A
Spices	Determination of Ochratoxin A HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.184 Rev00" R-biopharm Ochraprep Analysis of SpiceA20 / P14 V.9
Coffee and Coffee Products	Determination of Ochratoxin A HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.134 Rev04"(Modified from R-Biopharm OchratoxinA App. Note Coffee, Ref Code: A1-P14.V9)
Cereal Based Baby and Kids Foods	Determination of Ochratoxin A HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.082 Rev03" (R-Biopharm Ochratoxin A Method BabyFood)
Cereals and Cereal Products	Determination of Ochratoxin A HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.133 Rev04"(Modified from R-Biopharm Rhone Ltd.Application Note Ochratoxin AExtraction Method Cereal P 14 Ref No: V16)
Feed	Determination of Ochratoxin A HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.118 Rev03"(Modified from R-Biopharm



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

		Ochraprep Analysis of Animal Feed A18-P14.V7)
Fruit Juices and Purees Containing Apple, Fruit-Based Baby and Kids Foods	Determination of Patulin HPLC-UV Method	In-house Method- "MİKROKİM.SOP.02.104 Rev03"(Modified from R-Biopharm EAISIMIP Patulin P250 / P250B, Apple Puree)
Cereals, Cereal Products, Cereal Based Baby and Child Supplementary Foods	Determination of Zearalenon (ZON) HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.157 Rev02"(Modified from R-Biopharm Babyfood Zearalenone extraction method Ref no: A4 -RP91.V1 R-Biopharm Cereal Zearalenone Extraction Method Ref: A4-RP91 RP90.V13)
Feed	Determination of Zearalenon (ZON) HPLC-FLD Method	In-house Method- "MİKROKİM.SOP.02.079 Rev02"(Modified from R-Biopharm in Zearalenone Analysis of Animal Feed RP91 / RP90 / v15)
Food and Food Additives	Lead (Pb), Cadmium (Cd), Arsenic (As), Nickel (Ni), Crom (Cr), Cobalt (Co), Antimony (Sb), Calcium (Ca), Magnesium (Mg), Potassium (K), Phosphorus (P), Sodium (Na), Mercury (Hg), Iron (Fe), Copper (Cu), Zinc (Zn), Manganese (Mn), Selenium (Se), Aluminium (Al), ICP MS Method	In-house Method- "MİKROKİM.SOP.02.238" (NMKL 186, Modified)
Food and Food Additives	Tin (Sn) Analysis ICP-MS Method	NMKL 191
Feed and Feed Additives	Lead (Pb), Cadmium (Cd), Arsenic (As), Nickel (Ni), Crom (Cr), Cobalt (Co), Antimony (Sb), Calcium (Ca), Magnesium (Mg), Potassium (K), Phosphorus (P), Sodium (Na), Mercury (Hg), Iron (Fe), Copper (Cu), Zinc (Zn), Manganese (Mn), Selenium (Se), Aluminium (Al) ICP MS Method	In-House Method- "MİKROKİM.SOP.02.236" (NMKL 186, Modified)
Feed and Feed Additives	Tin (Sn) Analysis ICP-MS Method	NMKL 191



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Food Contact Polymer, Silicone, Paper/Board Based Food Packaging Materials and Materials	Determination of Structure FT-IR Method	In-House Method- "MİKROKİM.SOP.02.153 Rev03" (Modified from Polymer Data HandBook)
Plastic Materials and Materials to be used for Children, Polycarbonate Type Plastics, Plastic Based Materials in Contact with Food	Specific migration [2,2-bis(4-hydroxyphenyl) propane (Bisphenol A)] Analysis HPLC-FLD Method	EN 14372 TS EN 14372
Plastic Materials and Articles in Contact with Foodstuffs	Total Migration Analysis in Evaporative Food Simulants Method 1-Full Immersion Method	TS EN 1186-1, TS EN 1186-3 Metot 1
Plastic Materials and Articles in Contact with Foodstuffs	Total Migration Analysis in Evaporative Food Simulants Method 3-Bag Method	TS EN 1186-1, TS EN 1186-3 Metot 3
Plastic Materials and Articles in Contact with Foodstuffs	Total Migration Analysis in Evaporative Food Simulants Method 4-Reverse Bag Method	TS EN 1186-1, TS EN 1186-3 Metot 4
Plastic Materials and Articles in Contact with Foodstuffs	Total Migration Analysis in Evaporative Food Simulants Method 5-Filling Method	TS EN 1186-1, TS EN 1186-3 Metot 5
Plastic Materials and Articles in Contact with Foodstuffs	Overall Migration Analysis High Temperature Substitution Method (Fatty Foods) Modified Polyphenylene Oxide (MPPPO)	TS EN 1186-1 TS EN 1186 - 13
Plastic Based Substances and Materials in Contact with Food	Specific Migration Cadmium (Cd), Nickel (Ni), Cobalt (Co), Antimony (Sb), Iron (Fe), Copper (Cu), Zinc (Zn), Manganese (Mn), Aluminium (Al), Terbium (Tb), Europium (Eu), Barium (Ba), Lithium (Li), Gadolinium (Gd), Lanthanum (La) ICP-MS Method	TS EN 13130-1
Dyes Used in Plastics Food Contact Materials	Lead (Pb), Cadmium (Cd), Arsenic (As), Mercury (Hg), Antimony (Sb), Barium (Ba), Selenium (Se), Chromium (Cr) ICP-MS Method	NMKL 191 In-House Method- "MİKROKİM.SOP.02.236" (AP (89)I, NMKL 186, Modified)
Paper and Board and Plastic Substances and	Arsenic (As), Mercury (Hg), Cadmium (Cd), Lead (Pb) ICP-MS Method	TS EN 645, TS EN 647, In-House Method-



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Materials in Contact with Food		"MİKROKİM.SOP.02.237" (TS 12498 Modified)
Porcelain, Ceramic and Glass Based Materials in Contact with Food	Determination of Lead (Pb) and Cadmium (Cd) Release ICP-MS Method	TGK 2012/30
Printed Paper and Board and Materials in Contact with Food	Determination of Chloride (Cl ₂) Titrimetric Method	Mohr Method TS EN 645, TS EN 647
Plastic Based Substances and Materials in Contact with Food	Determination of Formaldehyde Spectrophotometric Method	EUR 24815, TS CEN/TS 13130 -23
Paper Based Packaging	Determination of Formaldehyde Spectrophotometric Method	EN 645/ EN 647 TS EN 1541
Food	Enumeration of Coliform Bacteria, Fecal Coliform and Escherichia coli MPN Technique - Colony Count Technique	FDA-BAM Chapter 4
Bread Yeast	Enumeration of Spores of B.subtilis	TS 3522
Food Feed Environmental Samples from Food Premises	Detection of Salmonella spp.	TS EN ISO 6579-1
Milk and Milk Products, Powdered Baby Food	Detection of Cronobacter spp.	ISO 22964
Food	Enumeration of Sulfite-Reducing Anaerobic Bacteria Colony Count Technique	ISO 15213
Food	Detection of Campylobacter spp.	ISO 10272-1
Food Feed	Enumeration of Escherichia coli Colony Count Technique	ISO 16649-2
Food Feed Environmental Samples from Food Premises	Detection of Listeria monocytogenes	ISO 11290-1
Food Feed Environmental Samples from Food Premises	Aerobic Plate Count Pour Plate Technique	ISO 4833-1



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Food	Enumeration of Bacillus cereus Colony Count Technique	ISO 7932
Food	Enumeration of Clostridium perfringens Colony Count Technique	ISO 7937
Food	Detection of Escherichia coli O157	ISO 16654
Food Feed Environmental Samples from Food Premises	Enumeration of Enterobacteriaceae Colony Count Technique	ISO 21528-2
Food Feed Environmental Samples from Food Premises	Enumeration of Coliform Bacteria Colony Count Technique	ISO 4832
Food Feed Environmental Samples from Food Premises	Enumeration of Yeast and Mold Colony Count Technique	ISO 21527-1 ISO 21527-2
Sea Food	Detection of Vibrio cholerae and Vibrio parahaemolyticus	ISO 21872-1
Food Feed Environmental Samples from Food Premises	Enumeration of Coagulase-Positive Staphylococci (Staphylococcus aureus and Other Species) Colony Count Technique	ISO 6888-1
Food Feed Environmental Samples from Food Premises	Enumeration of Escherichia coli MPN Technique	ISO 16649-3
Food Feed Environmental Samples from Food Premises	Detection of Salmonella spp.	AFNOR BRD 07/11-12/05 RAPID' Salmonella Agar-V10
Food Feed Environmental Samples from Food Premises	Detection of Listeria monocytogenes	AFNOR BRD 07/04-09/98 RAPID' L.mono-V11
Milk and Milk Products, Powdered Baby Food	Detection of Cronobacter spp.	AFNOR BRD 07/22-05/12 RAPID' Sakazakii Agar-V3
Bread and Bread Types	Enumeration of Spores of B.subtilis	TS 5000



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Food Feed Environmental Samples from Food Premises	Enumeration of Coagulase-Positive Staphylococci (Staphylococcus aureus and Other Species) MPN Technique	ISO 6888-3
Food Feed Environmental Samples from Food Premises	Enumeration of Yeast and Mold ($a_w \leq 0,95$ and $a_w > 0,95$) Colony Count Technique	RAPID Yeast and Mold Count Plate – 3M AFNOR Certifica No: 01/13 – 07/14)
Food Feed Environmental Samples from Food Premises	Enumeration of Enterobacteriaceae MPN Technique	ISO 21528-1
Sugar and Sugary Products	Enumeration of Osmophilic Yeast Colony Counting Technique	ISO 21527-2
Food	Detection of Staphylococcal Enterotoxin ELISA Method	EU-RL European Screening Method Ver.5 (RIDASCREEN Set Total Kit R 4105)
Yoghurt	Enumeration of Characteristic Microorganism in Yogurt Colony Counting Technique	ISO 7889
Food	Enumeration of Lactic Acid Bacteria Colony Counting Technique	ISO 15214
Food Feed	GMO Screening Analysis (p35S /tNOS /pFMV) Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QL-ELE-00- 012),EURL Method (QL-ELE-00- 015), ISO21569, ISO 24276, Kit Method(Magnesia 16 Nucleic Acid Isolation KitManual), ISO 21571
Food	Determination of Meat Species (" Horse, Donkey" Meat Search) "Conventional PCR" Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.006 / 03" (Modified from Kesmen, Z., Sahin, F., and Yetim, H., PCR assay for the identification of animal species in cooked sausages, Meat Sci, 77 (4), 649-653.) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Determination of Meat Type ("Chicken, Turkey" Meat Search) "Conventional PCR" Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.008 / 03" (I. Martin, T. Garcia, V.Fajardo, I. Lopez- Calleja, M. Rojas, M.A. Pavon et al. Technical Note: Detection of Chicken, Turkey, Duck and Goose Tissues in Feedstuffs using species-specific polymerase chain reaction, Journal of



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

		Animal Science, 85 (2007). pp. Modified from 452-458) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Species Identification (Beef DNA Search) Real Time PCR Method Pre-Process:DNA Extraction	Kit Method (Exon Screen Beef Assay) , ISO 21569, ISO 24276 Kit Method (Exon Screen Pork Assay), ISO 21569, ISO 24276
Food Feed	Species Identification (Pork DNA Search) Real Time PCR Method Pre-Process:DNA Extraction	Kit Method (Exon Screen Pork Assay), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Gelatin and Gelatin Containing Foods	Determination of Meat Species ("Pork, Beef," Fish Meat Search) "Conventional PCR" Method Pretreatment: DNA Extraction	İşletme İçi Metot- "MİKROKİM.SOP.04.021 Rev03" (H. Cai., , X. Gu., M. S. Scanlan., D. H. Ramatlapeng., C. R. Lively. Real-time PCR Assays for Detection and Quantitation of Porcine and Bovine DNA in Gelatin Mixtures and Gelatin Capsules- Sun, M., Liang, C., Gao, H., Lin, C., & Deng, M. (2009). Detection of Parvalbumin, a Common Fish Allergen Gene in Food, by Real-Time Polymerase Chain Reaction'den modifiye edilmiştir) Kit Metodu (Magnesia 16 Nükleik Asit İzolasyon Kit Manuel)
Meats and Foods Containing All Meat Products	Determination of Meat Species ("Duck" Meat Search) "Real Time PCR" Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.019 / 02" (N. Pegels., I. González., I. López-Calleja., S. Fernández., T. García. R. Martín. Evaluation of a TaqMan Real-Time PCR Assay for Detection of Chicken, Turkey, Duck, and Goose Material in Highly Processed Industrial Feed Samples, Departamento de Nutrición, Bromatología y Tecnología de los Alimentos Facultad de Veterinaria.) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Determination of Milk Type ("Sheep, Goat and Cow" Milk Search) Real Time PCR	In-House Method "MİKROKİM.SOP.04.017 / 02"



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

	Method Pretreatment: DNA Extraction	(Restsch.J. et al. Modified from Eur Food Res Technol (2013) 236: 217-227) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Searching for Animal DNA (16S rRNA Gene) Conventional PCR Method Pretreatment: DNA Extraction	In-House Method - MİKROKİM.SOP.04.068 / 00 " (Food Control 43 (2014) 35-41.), ISO 21569 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Searching Plant Specific "Soybean" Gene Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-TAX-GM-009), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Plant Specific Corn Gene Search Real Time PCR Method Pre-treatment: DNA Extraction	EURL Method (QT-TAX-ZM-011), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual, ISO 21571)
Food Feed	Plant Specific Canola Gene Search Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-TAX-BN-012), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Plant Specific Cotton Gene Search Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-TAX-GH-015), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Plant Specific Rice Gene Search Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-TAX-OS-002), ISO 21569, ISO 24276, Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Plant Specific Potato Gene Search Real Time PCR Method Pre-treatment: DNA Extraction	EURL Method (QT-TAX-ST-010), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Plant Specific Actin Gene Search Real Time PCR Method Pre-treatment: DNA Extraction	In-House Method (MİKROKİM.SOP.04.014 / 02) " (I. Laube., H. Hird., P. Brodmann., S. Ullmann., M. Schöne-Michling, J. Chisholm, H. Broll. Development of Primer and Probe Sets for the Detection of Plant Species in Honey, Food Chemistry



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

		From 118 (2010) 979-986. Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON87701 Soy Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-010), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON87708 Soy Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-012), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 87769 Soy Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-002), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	CV127 (BPS-CV127-9) Soy Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD, (QT-EVE-GM-011), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	DP 305423-1 Soy Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-008), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	DAS 44406-6 Soy Type Identification Analysis Real Time PCR Pretreatment: DNA Extraction	EURL METHOD, QT-EVE-GM-015, ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	DAS 68416-4 Soy Type Identification Analysis Real Time PCR Pretreatment: DNA Extraction	EURL METHOD QT-EVE-GM-013, ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	DAS 81419-2 Soy Type Identification Analysis Real Time PCR Pretreatment: DNA Extraction	EURL METHOD, QT-EVE-GM-014, ISO 21570, ISO 24276, Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	MON 87751-7 Soy Type Identification Analysis Real Time PCR Pretreatment: DNA Extraction	EURL METHOD QT-EVE-GM-016, ISO 21570, ISO 24276 Kit Method



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

		(Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	DAS 40278-9 Corn Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-004), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	73496 Canola Type Identification Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL METHOD (QT-EVE-BN-009), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	281-24-236 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-001a), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	3006-210-23 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-001b), ISO 21570 ISO 24276
Food Feed	GHB614 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-006), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	GHB 811 Cotton Type Determination Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL METHOD (QT-EVE-GH-013), ISO 21569, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	H7-1 Beet Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BV-001), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Bt11 Corn Type Determination and Quantity Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-015), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 810 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-020), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Food Feed	MON 89034 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-018), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	MON88017 Maize Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-016), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MIR604 Maize Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-013), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	NK603 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-008), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MIR 162 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-022), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	DAS 1507 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-010), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	3272 Corn Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-019), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 863 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD, (QT-EVE-ZM-009), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	DAS 59122 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-012), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	T25 Corn Type Determination and Quantity Analysis	EURL METHOD (QT-EVE-ZM-011), ISO 21570,



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

	Real Time PCR Method Pre-treatment: DNA Extraction	ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	GA21 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METOT (QT-EVE-ZM-007), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	Bt 176 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METOT (QT-EVE-ZM-023), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 87460 Corn Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-ZM-005), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	40-3-2 Soy Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-005), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	A2704-12 Pedigree Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METOT (QT-EVE-GM-004), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	A5547-127 Soy Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-007), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON89788 Soy Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-006), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	DP 356043-5 Soy Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-009), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 87705 Soy Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GM-003), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Food Feed	EH92-527-1 Potato Type Identification and Quantity Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL METHOD (QT-EVE-ST-001), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	LLRice 62 Rice Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-OS-002), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 15985 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-005), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 1445 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-003), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 531 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-004), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	LL 25 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-002), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	T304-40 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-009), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 88913 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-007), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	GT73 Canola Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BN-004), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	T45 Canola Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BN-001), ISO 21570, ISO 24276 Kit Method (Magnesia 16



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

		Nucleic Acid Isolation Kit Manual), ISO 21571
Food Feed	MS8 Canola Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BN-002), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	RF3 Canola Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BN-003), ISO 21570, ISO 24276
Food Feed	MS1 Canola Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BN-005), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	TOPAS 19/2 Canola Type Identification and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BN-008), ISO 21570, ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food Feed	MON 88302 Canola Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-BN-010), ISO 21570, ISO 24276
Food Feed	GHB119 Cotton Type Determination and Quantity Analysis Real Time PCR Method Pre-treatment: DNA Extraction	EURL METHOD (QT-EVE-GH-008), ISO 21570 ISO 24276 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Gluten Determination Real Time PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM SOP.04.018 / 02" (D. Zeltner, M. Glomb., D. Maede (2009). Real-Time PCR Systems for the Detection of the Gluten-Containing Cereals Wheat, Spelt, Kamut, Rye, Barley and Oat. Eur Food Res Technol Eur Food Res Technol (2009) 228: Modified from 321-330) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Gluten-Free and Gluten-Reduced Whole Foods	Gluten Determination ELISA Method	R-Bipharm Ridascreen Gliadin / Art No: R7001
Food	Plant Specific Chickpea Gene Screening Conventional PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.020 / 02" (R. Alary C. Buissonade., P. Joudrier., M., Gautier. Detection and Discrimination



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

		of Cereal and Leguminous Species in Chestnut Flour by Duplex PCR. Eur Food Res Technol (2007) 225: 427-434) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Pistachio Allergen Gene Search Real Time PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.016 / 02" (B. Brezna et al. Modified from Eur Food Res Technol (2008) 228: 197-203.) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Searching for Almond Allergen Gene Real Time PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.016 / 02" (L. Piknova et al. Eur Food Res Technol (2008) Modified from 226: 1155-1158) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Walnut Allergen Gene Real Time PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.016 / 02" (B. Brezna et al. Modified from Eur Food Res Technol (2006) 223: 373-377.) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Hazelnut Allergen Gene Search Real Time PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.016 / 02" (L. Piknova et al. Eur Food Res Technol (2008) Modified from 226: 1155-1158) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Peanut Allergen Gene Search Real Time PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.016 / 02" (R. Köppel et al. Modified from Eur Food Res Technol (2010) 230: 367-374) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Cashew Allergen Gene Search Real Time PCR Method Pretreatment: DNA Extraction	In-house Method- "MİKROKİM.SOP.04.016 Rev02" (A.Ehlert et al. Food Anal. Methods Modified from (2008) 1:136-143 Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Food	Sesame Allergen Gene Search Real Time PCR Method Pretreatment: DNA Extraction	In-House Method "MİKROKİM.SOP.04.016 / 02" (S. Mustorp et al. Modified from Eur Food Res Technol (2008) 226: 771-778.) Kit Method (Magnesia 16 Nucleic Acid Isolation Kit Manual)
Food	Allergen Detection (Searching for Milk Protein) ELISA Method Pretreatment: Protein Extraction	Kit Method(R-Biopharm Ridascreen Fast Milk/ Art No: R4652)
Food	Allergen Detection (Egg Protein Detection) ELISA Method Pretreatment: Protein Extraction	Kit Method (R-Biopharm Ridascreen Fast Ei/Egg Protein/Art No:R6402)
Water	Color Determination Spectrophotometric Method	SM 2120 C
Water	pH Determination Electrometric Method	TS EN ISO 10523
Water	Determination of Conductivity Electrometric Method	TS 9748 EN 27888
Water	Determination of Nitrite / Nitrite Nitrogen Spectrophotometric Method	TS 7526 EN 26777
Water	Determination of Ammonium / Ammonium Nitrogen Pretreatment: Distillation Method Measurement: Titrimetric Method	SM 4500 – NH3 B, C
Water	Determination of Chloride Titrimetric Method	TS 4164 ISO 9297
Water	Determination of Free Chlorine Spectrophotometric Method	TS EN ISO 7393-2
Water	Escherichia coli Count Membrane Filtration Technique	ISO 9308-1
Water	Coliform Bacteria Count Membrane Filtration Technique	ISO 9308-1
Water	Counting Fecal Enterococci Membrane Filtration Technique	TS EN ISO 7899-2
Water	Pseudomonas aeruginosa count Membrane Filtration Technique	TS EN ISO 16266



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

ANNEX
HALAL ACCREDITATION SCOPE

Water	Sulfite-Reducing Anaerobic Bacteria (Clostridia) Spores Search and Count Membrane Filtration Technique	TS 8020 EN 24461-2
Water	Colony Count (22 °C)	TS EN ISO 6222
Water	Colony Count (36 °C)	TS EN ISO 6222
Water	Detection and Enumeration of Pathogen Staphylococci Membrane Filtration Technique	NF T90-412
Water	Clostridium perfringens Count (Including Spores) Membrane Filtration Technique	98/83/EC Direktive
Water	Aluminium (Al), Arsenic (As), Copper (Cu), Mercury (Hg), Iron (Fe), Cadmium(Cd), Crom (Cr), Lead (Pb), Manganese (Mn), Nickel (Ni), Selenium (Se),Antimony (Sb), Sodium (Na), Calcium (Ca), Barium (Ba), Magnesium (Mg),Potasium (K), Boron (B) ICP MS Method	EPA 3015 A EPA 6020 B