



REPUBLIC OF TURKEY
HALAL ACCREDITATION AGENCY

HALAL ACCREDITATION CERTIFICATE

Laboratory Performing Halal Testing

**REPUBLIC OF TÜRKİYE
MINISTRY OF AGRICULTURE AND FORESTRY
KONYA FOOD CONTROL LABORATORY DIRECTORATE**

Address : Havzan Mahallesi Karacihancami Sokak No:1A
Meram/KONYA

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

Halal Accreditation Number

2023-032

Halal Accreditation Scope

Shown in annex

Initial Halal Accreditation Date

09.06.2023

Expiry Date

09.06.2028

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



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HALAL ACCREDITATION SCOPE

Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Hard-Shelled Dried Fruits and Products, Oily Seeds and Products	Determination of Aflatoxin B1 and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 991.31
Red Pepper And Red Pepper Containing Products, Dried Fruits and Products	Determination of Aflatoxin B1 and Total Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂) HPLC-FLD Method	AOAC 999.07
Feed and Feed Ingredients	Determination of Aflatoxin B1 HPLC-FLD Method	AOAC 2003.02
Milk and Milk Powder	Determination of Aflatoxin M1 HPLC-FLD Method	ISO 14501
Cereals and Cereal Products	Determination of Ochratoxin AHPLC-FLD Method	In House Method-“MKT-AT-011” (R-Biopharm Cereal Application Note, Ref No:A9-P14.V2)
Cereals and Cereal Products	Determination of Deoxynivalenol (DON) HPLC-DAD Method	R-Biopharm Application Note A3-P50.V8
Cereals and Cereal Products	Determination of Zearalenone (ZON) HPLC-FLD Method	R-Biopharm Application Note A1-RP 91.V5



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Food (high water content products)	Determination of Some Selected Pesticides GC-MS/MS Method (34 number)- Aldrin; Beta-cyfluthrin; Bifenthrin; Biphenyl; Bromopropylate; Captan; Chinomethionat; Chlorothalonil; Chlorthal dimethyl; Dicloran; Dicofol; Dinobuton; Endosulfan(alfa+beta+sulfate); Endrin ketone; Esfenvalerate; Etridiazole; Fenitrothion; Fenvalerate; Folpet; HCH-beta; Iprodione; Lambda-cyhalothrin ; op DDD; op DDE; Oxyfluorfen ; Parathion-methyl ; Permethrin; pp DDE; Pebulate; Procymidone; Tefluthrin; Tetradiphon(Tetradifon); Trifluralin; Vinclozolin	AOAC 2007.01
Food (high water content products)	Determination of Some Selected Pesticides LC-MS/MS Method (112 number) - 2-4' D ; Acetamiprid; Acrinathrin; Alachlor; Aldicarb sulfoxide; Alpha-cypermethrin; Amitraz; Atrazine; Azinphos ethyl; Azoxystrobin; Bifenazate; Bupirimate; Buprofezin; Butralin; Cadusafos; Carbaryl; Carbendazim/Benomyl; Carbofuran; Carbosulfan; Carboxin; Chlorfluazuron; Chlorpropham; Chlorpyriphos; Chlorsulfuron; Chlorfenvinphos; Clofentezine; Coumaphos; Cycloate; Cymoxanyl; Cypermethrin (alfa+beta+teta+zeta); Cyproconazole	AOAC 2007.01



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Food (high water content products)	Cyprodinil; Deltamethrin; Diazinon; Dichlofluanid; Dichlorvos(DDVP); Diethofencarb; Difenoconazole; Dimethoate; Dimethomorph; Dinocap ; Dithianon; Epoconazole; Ethiofencarb; Ethion; Ethofumesate; Famoxadone; Fenamiphos; Fenarimol; Fenazaquin; Fenpropathrin; Fenoxycarb; Fenthion; Fludioxonil ; Fluometuron; Flusilazole; Formothion ; Furathiocarb ; Hexythiazox; Imazalil; Imidacloprid ; Ioxynil; Kresoxim-methyl; Lufenuron ; Malaixon; Malathion; Mecarbam; Metalaxyl ve Metalaxyl M; Metolachlor; Metrafenone; Metribuzin; Monolinuron; Oxadixyl; Oxamyl ; Penconazole; Pendimethalin Phenthoate; Phorate; Phosalone; Phosmet ; Primicarb; Pirimiphos-ethyl; Pirimiphos-methyl; Profenofos; Propargite; Propazine; Propiconazole; Propyzamide; Prothiophos; Pyrazophos; Pyridaben; Pyridaphenthion; Pyriproxyfen; Simazine; Quinalphos; Tau-fluvalinate; Tebuconazole; Terbutryn; Thiacloprid; Thiamethoxam; Thiodicarb; Thiophanat- methyl; Tolcofos-methyl; Tolyfluanid; Triadimefon; Triadimenol; Triallate(Tri- allate); Triazaphos; Trichlorphon; Trifloxystrobin; Triflumizole; Vamidation	AOAC 2007.01



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Food and Feed/Pesticides	Determination of Some Selected Pesticides GC-MS/MS Method (5 number) - alpha Endosulfan; Endrin; op DDD; op DDE; pp DDE	AOAC 2007.01
Animal and Vegetable Fats and Oils	Fatty Acid Methyl Ester (Linoleic acid, Oleic acid, Palmitic acid and Stearic acid) GC-FID Method	TS EN ISO 12966-4 TS EN ISO 12966-2
Food and Food Additives	Determination of Lead (Pb), Cadmium (Cd), Arsenic (As), Mercury (Hg), Tin (Sn) ICP-MS Method	NMKL 186
Foods	Determination of Benzoic and Sorbic acid HPLC-UV Method	NMKL 124
Honey	Determination of C13/C12 and C4 IR-MS Method	AOAC 998.12
Molasses	Determination of C13/C12 IR-MS Method	AOAC 998.12
Feed	Determination of Crude Ash	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009
Feed	Determination of Moisture	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Feed	Determination of Crude Fiber	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009
Feed	Determination of Crude Protein Kjeldahl Method	İn House Metot-“YEM-AT-021/03” Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009 Modified
Feed	Determination of Crude Protein Burn Method (Dumas Principle)	AOAC 990.03
Cereals, cereal products and oilseeds	Determination of Crude Protein Burn Method (Dumas Principle)	AOAC 992.23
Feed	Determination of Crude Oil	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009
Milk, Butter Milk and Cream	Determination of Moisture Content	TS 1018
Cheeses	Determination of Moisture Content	TS EN ISO 5534
Condensed Milk and Milk Powder	Determination of Moisture Content	Turkish food codex communiqué milk and milk powder analysis methods (2002/16)



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Animal and Vegetable Fats and Oils	Fatty Acid Methyl Ester (Linoleic acid, Oleic acid, Palmitic acid and Stearic acid) GC-FID Method	TS EN ISO 12966-4 TS EN ISO 12966-2
Food and Food Additives	Determination of Lead (Pb), Cadmium (Cd), Arsenic (As), Mercury (Hg), Tin (Sn) ICP-MS Method	NMKL 186
Foods	Determination of Benzoic and Sorbic acid HPLC-UV Method	NMKL 124
Honey	Determination of C13/C12 and C4 IR-MS Method	AOAC 998.12
Molasses	Determination of C13/C12 IR-MS Method	AOAC 998.12
Feed	Determination of Crude Ash	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009
Feed	Determination of Moisture	Number 29955 (repeated) Official Gazette (Yemlerin Resmi Kontrolü İçin Numune Alma ve Analiz Metotlarına Dair Yönetmelik) EC 152/2009



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Tea	Determination of Moisture Content	TS 1562
Bread	Determination of Moisture Content	TS 5000
Bread Yeast	Determination of Moisture Content	TS 3522
Edible Salt	Determination of Moisture Content	TS 933
Yoghurt	Determination of Moisture Content	TS 1330
Meat and Meat Products	Determination of Moisture Content	TS 1743 ISO 1442
Cereals and Cereal Products (excluding corn and pulses)	Determination of Moisture Content	TS EN ISO 712
Cereals, legumes and by-products (excluding starch and seeds)	Determination of Ash	TS EN ISO 2171
Grape molasses	Determination of Ash	TS 3792
Black and green tea	Determination of Ash	TS 1564
Food	Determination of Protein Kjeldahl Method	AOAC 981.10 AOAC 2001.11 TS EN ISO 8968-1
Food (Except Onions, Leeks and Cabbage)	Determination of Sulfur dioxide Titrimetrik Method	AOAC 962.16



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Yoghurt	Determination of Fat Content	TS 1330
Cheeses	Determination of Fat Content	TS ISO 3433
Meat and Meat Products	Determination of Total Fat Content Acid-Hydrolysis Method	TS 1744
Cheeses	Determination of Chloride Potentiometric Method	TS EN ISO 5943
Fruit and Vegetable Products	Determination of pH Potentiometric Method	TS 1728 ISO 1842
Fruit and Vegetable Products	Determination of Soluble Solids Refractometric Method	TS 4890
Table Salt	Determination of Iodate Titrimetric Method	TS 933
Honey	Sugar Composition (Fructose, Glucose, Sucrose and Maltose) HPLC-RID Method	TS 13359
Honey	Determination of Prolin Spektrometrik Method	TS 13357
Honey	Determination of Acidity (Free)	TS 13360
Honey	Determination of Diastasis Number Spektrometric Method	IHC Bölüm 6.2



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Water	Enumeration of Coliform Bacteria Most Probable Number Technique	SM 9221 B
Water	Determination of Aluminum (Al), Arsenic (As), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chromium (Cr), Copper (Cu), Potassium (K), Magnesium (Mg), Mangan (Mn), Molybdenum (Mo), Sodium (Na), Nickel (Ni), Phosphorus (P), Lead (Pb), Tin (Sn), Vanadium (V), Zinc (Zn) ICP-MS Method	TS EN ISO 17294 1 TS EN ISO 17294 2
Water	Determination of pH Electrometric Method	SM 4500 H+B
Water	Determination of Electrical Conductivity Electrometric Method	TS 9748 EN 27888
Water	Enumeration of Escherichia coli Most Probable Number Technique	SM 9221 F
Food (Except Milk and Dairy products)	Enumeration of Escherichia coli Most Probable Number Technique	ISO 16649-3
Food	Enumeration of Coliform Bacteria Most Probable Number Technique	TS ISO 4831



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Food	Detection of Listeria monocytogenes	ISO 11290-1
Food	Detection of Listeria monocytogenes	AOAC 2013.11 BioMerieux VIDAS LMX
Food	Enumeration of Coagulase Positive Staphylococci (Staphylococcus aureus and other species) Colony Counting Technique	ISO 6888-2
Food	Enumeration of Yeasts and Moulds Colony Counting Technique	ISO 21527-1 ISO 21527-2
Food	Enumeration of Aerobic Colony Bulk Plate Technique	TS EN ISO 4833-1
Food	Enumeration of Coliform Bacteria Most Probable Number Technique	TS ISO 4831
Food	Enumeration Bacillus cereus Colony Counting Technique	TS EN ISO 7932
Food	Enumeration of Sulphite Reducing Anaerobes Bacteria Colony Counting Technique	ISO 15213
Food and Feed	Detection of Salmonella spp.	AOAC 2013.01 BioMerieux VIDAS UP SPT



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Testing Fields- Tested Materials/Products	Name of Test	Test Method (national, International standards, in-house methods)
Meat and MeatProducts	Species Identification by ELISA (Beef, Sheep, Equidae, Poultry, Pork) ELISA Method	ELISA-TEK Kit Procedure
Food	Plant specific soybean gene search Real Time PCR Method Pretreatment :DNA extraction	Kit Procedure (Dr.Zeydanlı Life Sciences DZRT-SY) (Eurofins SPECIES / DENT RT (LR / HR +) strain)
Honey	Determination of Electrical Conductivity	TS 13366
Honey	Determination of Moisture Content Refractometric	TS 13365