



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

BİLİM SAĞLIK VE LABORATUVAR HİZMETLERİ TİCARET LİMİTED ŞİRKETİ

Central Address: 15 TEMMUZ MAH. 1440. SK. NO:35 -37/11 BAĞCILAR İstanbul / 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-0453-T

Accreditation Date : 28.12.2011

Revision Date / Number : 24.02.2023 / 11

This certificate shall remain in force until **24.04.2024**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General




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


This document has been signed by Gülden Banu Müderrisoğlu on {1} with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.


 Test TS EN ISO/IEC 17025 AB-0453-T	BİLİM SAĞLIK VE LABORATUVAR HİZMETLERİ TİCARET LİMİTED ŞİRKETİ	
	Accreditation Nr: AB-0453-T Revision Nr: 11 Date: 24.02.2023	
	Testing Laboratory	
	Address : 15 TEMMUZ MAH. 1440. SK. NO:35 -37/11 BAĞCILAR İstanbul / Türkiye	Phone : +90 212 588 4248 Fax : - Email : gul.ay@bilim.gen.tr Website : https://bilim.gen.tr/


Food and Feed Products


Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Food Feed Environmental Samples from Food Premises	Enumeration of Aerobic Colony Pour Plate Technique	ISO 4833-1
Food Feed	Enumeration of <i>Escherichia coli</i> Colony Count Technique	ISO 16649-2
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 <i>Enterobacteriaceae</i> Colony Count Technique	ISO 21528-2
Food Feed	Enumeration of Yeasts and Molds Colony Count Technique	ISO 21527-1 ISO 21527-2
Food Feed Environmental Samples from Food Business	Detection of <i>Listeria monocytogenes</i>	ISO 11290-1
Food Feed Environmental Samples from Food Business	Enumeration of Coagulase Positive Staphylococci- (<i>Staphylococcus aureus</i> and other species) Colony Counting Technique	ISO 6888-1
Food Feed	Detection of <i>Campylobacter spp.</i>	ISO 10272-1
Food Feed	Detection of <i>Escherichia coli</i> O157	ISO 16654
Food Feed	Enumeration of <i>Bacillus cereus</i> Colony Count Technique	ISO 7932
Food Feed	Enumeration of <i>Clostridium perfringens</i> Colony Count Technique	ISO 7937

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	Testing Laboratory	
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Food Feed	Enumeration of Sulfite Reducing Anaerobic Bacteria Colony Count Technique	ISO 15213
Food	Detection of Staphylococcus enterotoxin ELISA Method	Ridascreen Set Total Kit R4105
Milk and Milk Products Baby Formulas	Detection of <i>Cronobacter spp.</i>	ISO 22964
Canned Foods	Test for Commercial Sterility Test	TS 10524
Water Products	Detection of <i>Vibrio spp.</i> , <i>Vibrio cholerae</i> , <i>Vibrio parahaemolyticus</i> and <i>Vibrio vulnificus</i>	ISO 21872-1
Food and Feed	GMO Screening Analysis (p35S, tNOS, pFMV) Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Screening Kit 35S + NOS + FMV V3), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Plant Specific Cotton Gene Screening Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore Cotton Species Detection Kit V1), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of GHB614 Cotton Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Metot (QT- EVE-GH-006), ISO 21570, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of 3006-210-23 Cotton Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Metot (QT- EVE-GH-001b), ISO 21570, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571

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Food and Feed	Detection of 281-24-236 Cotton Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Metot (QT-EVE-GH-001a), ISO 21570, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Plant Specific Cotton Gene Screening Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore Maize - Soy - Cotton Species Detection Kit v1), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Plant Specific Soy Gene Screening Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore Maize - Soy - Cotton Species Detection Kit v1), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Plant Specific Maize Gene Screening Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore Maize - Soy - Cotton Species Detection Kit v1), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of DAS-40278-9 Maize Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-EVE-ZM-004), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Plant Specific Soy Gene Screening Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore Soy Species Detection Kit v1), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571


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Food and Feed	Detection of MON 87701 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-EVE-GH-010), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of MON 87708 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-EVE-GM-012), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of MON 87769 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-EVE-GM-002), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of MON 87751-7 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-EVE-GM-016), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of DP-305423-1 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-EVE-GM-008), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of CV127 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	EURL Method (QT-EVE-GM-011), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of MON 87701 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Soy Event Multiplex Detection Kit1 (MON 87701, MON 87708, MON 87769)), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571


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Food and Feed	Detection of MON 87708 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Soy Event Multiplex Detection Kit1 (MON 87701, MON 87708, MON 87769)), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of MON 87769 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Soy Event Multiplex Detection Kit1 (MON 87701, MON 87708, MON 87769)), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of CV127 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Soy Event Multiplex Detection Kit2 (CV127, DP-305423-1, DAS 68416-4)), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of DP-305423-1 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Metodu (Bosphore GMO Soy Event Multiplex Detection Kit 2 (CV127, DP305423-1, DAS 68416-4 Soya)), TS EN ISO 21569, ISO 24276 Kit Metodu (Magrev Plant DNA Extraction Kiti), ISO 21571
Food and Feed	Detection of DAS 68416-4 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Soy Event Multiplex Detection Kit2 (CV127, DP-305423-1, DAS 68416-4)), ISO 21569, ISO 24276 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571


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Food and Feed	Detection of DAS 44406-6 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Soy Event Multiplex Detection Kit3 (DAS 81419-2 ve DAS 44406-6)), ISO 21569, ISO 2427 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Food and Feed	Detection of DAS 81419-2 Soy Event Analysis Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Bosphore GMO Soy Event Multiplex Detection Kit3 (DAS 81419-2 ve DAS 44406-6)), ISO 21569, ISO 2427 Kit Method (Bosphore Magrev Plant Genomic DNA Extraction Kit), ISO 21571
Meat ve Meat Products	Meat Species Identification (Detection of Pork Meat) Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Sure Food Animal ID Pork Sens Plus V Congen Test Kit) Kit Method (Sure Food PREP Basic, DNA Isolation Kit Manuel)
Meat ve Meat Products	Detection of Internal Organ and Foreign Tissue Histological Method	In House Method "P13-HB-T001/Rev06" (Modified from TS 13511)
Gluten-free and All Gluten-reduced Foods	Allergen (Gluten) Analysis ELISA Method	Kit Method (R-biopharm Ridascreen Gliadin Kit)
Food	Allergen (Soy Protein) Analysis ELISA Method	Kit Metodu (R-biopharm Ridascreen Soy Kit)
Food	Allergen (Egg Protein) Analysis ELISA Method	Kit Metodu (RIDASCREEN FAST Egg Protein)
Food	Allergen (Hazelnut) Analysis ELISA Method	Kit Method (R-biopharm Ridascreen Fast Hazelnut Kit)
Food	Allergen (Peanut) Analysis ELISA Method	Kit Method (R-biopharm Ridascreen Fast Peanut Kit)


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Cereals and Cereal Products (Excluding Corn and Legumes)	Determination of Moisture	TS EN ISO 712
Meat and Meat Products	Determination of Moisture	TS 1743 ISO 1442
Cheese and Processed Cheese	Determination of Moisture	TS EN ISO 5534
Legumes	Determination of Moisture	TS ISO 24557
Feed	Determination of Moisture	TS 6318
Yogurt	Determination of Titratable Acidity	TS 1330
White Cheese	Determination of Titratable Acidity	TS 591
Honey	Determination of Ash	TS 2131 ISO 928
Meat and Meat Products	Determination of Ash	TS 1746 ISO 936
Cereals, Legumes and byproducts	Determination of Ash	TS EN ISO 2171
Biscuit	Determination of Ash	TS EN ISO 2171
Feed	Determination of Ash	AOAC 942.05
Food	Determination of Total Dietary Fiber	AOAC 991.43
Sugar and Syrup	Protein Determination Kjeldahl Method	AOAC 920.176
Milk	Protein Determination Kjeldahl Method	AOAC 991.20
Milk Powder	Protein Determination Kjeldahl Method	AOAC 930.29

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Food Additives	Protein Determination Kjeldahl Method	AOAC 935.58
Fruit	Protein Determination Kjeldahl Method	AOAC 920.152
Cereal	Determination of Protein Kjeldahl Method	AOAC 979.09
Flour	Determination of Protein Kjeldahl Method	AOAC 920.87
Hazelnut	Determination of Protein Kjeldahl Method	AOAC 950.48
Ice cream	Determination of Protein Kjeldahl Method	AOAC 930.33
Meat and meat products	Protein Determination Kjeldahl Method	AOAC 928.08
Beer	Protein Determination Kjeldahl Method	AOAC 920.53
Feed	Determination of Raw Fat	AOAC 920.39
Meat and Meat Products	Determination of Fat	AOAC 991.36
Milk	Determination of Fat Gerber Method	AOAC 2000.18
Biscuit and Crackers	Determination of Fat	TS 2383
Nuts and Nuts Products	Determination of Fat	AOAC 948.22
Yogurt, Ayran	Determination of Fat	TS 8189 TS 1330
Wine	Determination of Sulfur Dioxide (SO ₂)	TS 522

 TÜRKAK Test TS EN ISO/IEC 17025 AB-0453-T	BİLİM SAĞLIK VE LABORATUVAR HİZMETLERİ TİCARET LİMİTED ŞİRKETİ Accreditation Nr: AB-0453-T Revision Nr: 11 Date: 24.02.2023 Testing Laboratory Address : 15 TEMMUZ MAH. 1440. SK. NO:35 -37/11 BAĞCILAR İstanbul / Türkiye Phone : +90 212 588 4248 Fax : - Email : gul.ay@bilim.gen.tr Website : https://bilim.gen.tr/	
Animal and Vegetable Fats and Oils, Extractable Oils	Determination of Peroxide Value	TS EN ISO 3960
Food and Food Additives	Determination of Mercury (Hg) ICP-MS Method	NMKL 186
Food and Food Additives	Determination of Arsenic (As) ICP-MS Method	NMKL 186
Food and Food Additives	Determination of Lead (Pb), Cadmium (Cd) ICP-MS Method	NMKL 186
Feed and Feed Additives	Determination of Arsenic (As) ICP-MS Method	BS EN 1753
Feed and Feed Additives	Determination of Mercury (Hg) ICP-MS Method	BS EN 1753
Feed and Feed Additives	Determination of Lead (Pb), Cadmium (Cd) ICP-MS Method	BS EN 1753
Ceramic, Porcelain and Glass-Based Materials	Determination of Lead (Pb) and Cadmium (Cd) ICP-MS Method	ISO 6486-1 TGK 2012/30
Canned Foods	Determination of Tin (Sn) ICP-MS Method	NMKL 186
Dried Fruits and Products	Determination of Aflatoxin B1,B2,G1,G2 and Total Aflatoxin (B1+B2+G1+G2) HPLC-FLD Method	In House Method - "P13- KB- T151/Rev03" (Modified from R- Biopharm EASIEXTRACT AFLATOXIN RP71/RP70N and Dried Fruit A12-P07 Application Note)
Cereal and Cereal Products	Determination of Aflatoxin B1,B2,G1,G2 and Total Aflatoxin (B1+B2+G1+G2) HPLC-FLD Method	In-house Method - "P13-KB- T153/Rev02" (Modified from R- Biopharm EASIEXTRACT AFLATOXIN RP71/RP70N)

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Nuts, Oilseeds and Products	Determination of Aflatoxin B1,B2,G1,G2 and Total Aflatoxin (B1+B2+G1+G2) HPLC-FLD Method	In-house Method - "P13-KB-T154/Rev02" (Modified from R-Biopharm EASIEXTRACT AFLATOXIN RP71/RP70N)
Corn-based Products and Corn-based baby and small children's complementary foods	Determination of DON (Deoxynivalenol) HPLC-DAD Method	In-house Method - "P13-KB-T155/Rev01" (Modified from R-Biopharm DONPREP P50/P50B)
Coffee and Coffee Products	Determination of Ochratoxin A HPLC - FLD Method	In-house Method - "P13-KB-T159/Rev02" (Modified from R-Biopharm OCRAPREP P14/P14B and Analysis of Coffee A1-P14 Application Note)
Wine and Aromatized Wines	Determination of Ochratoxin A HPLC - FLD Method	In-house Method - "P13-KB-T160/Rev02" (Modified from R-Biopharm OCRAPREP P14/P14B and Analysis of Beer A14-P14 Application Note)
Cereal and Cereal Products	Determination of Ochratoxin A HPLC - FLD Method	In-house Method - "P13-KB-T166/Rev03" (Modified from R-Biopharm OCRAPREP P14/P14B)
Spices	Determination of Ochratoxin A HPLC - FLD Method	In-house Method - "P13-KB-T218/Rev01" (Modified from R-Biopharm OCRAPREP P14/P14B and Analysis of Spices A20-P14 Application Note)
Food	Determination of Sorbic Acid, Benzoic Acid and/or Salts HPLC - DAD Method	NMKL 124

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Cereal and Cereal Products	Determination of ZON (Zearalenon) HPLC - FLD Method	In-house Method - "P13-KB-T162/Rev03" (Modified from R-Biopharm EASI-EXTRACT ZEARALENONE RP91/RP90)
Apple Juice and Puree, Solid Apple Puree	Determination of Patulin HPLC - DAD Method	In-house Method - "P13-KB-T163/Rev03" (Modified from R-Biopharm EASIMIP™ PATULIN P250/P250B)
Tea and Soluble Tea in Solid State	Caffeine Determination HPLC–UV/DAD Method	TS ISO 10727
Coffee and Coffee Products	Caffeine Determination HPLC–UV/DAD Method	In-house Method - "P13-KB-T167/Rev01" (Modified from TS ISO 10727 and Journal Of AOAC International Vol. 76, No:2)
Flour, Starch, Biscuits	Determination of acid-insoluble ash	TS 2383
Paste	Determination of acid-insoluble ash	TS ISO 763
Tea	Determination of acid-insoluble ash	TS 1566 ISO 1577
Substances that give seasonings and seasonings	Ash determination	TS 2131 ISO 928
Tea	Determination of Total Ash	TS 1564
Fruit and vegetable products	pH determination Potentiometric Method	TS 1728 ISO 1842
Cheese	pH determination Potentiometric Method	TS 2176
Meat and meat products	pH determination Potentiometric Method	TS 3136 ISO 2917

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Meat and Meat Products	Species Detection (Searching for Donkey DNA) The Real Time PCR Method Pretreatment: DNA Extraction	Kit Method Anatolia Bosphore Species Identification Kit Donkey v1) Kit Method (Magrev Tissue Genomic DNA Extraction Kit Procedure)
Meat and Meat Products	Species Detection (Searching for Chicken DNA) The Real Time PCR Method Pretreatment: DNA Extraction	Kit Method Anatolia Bosphore Species Identification Kit Chicken v1) Kit Method (Magrev Tissue Genomic DNA Extraction Kit Procedure)
Meat and Meat Products	Species Detection (Searching for Horse DNA) The Real Time PCR Method Pretreatment: DNA Extraction	Kit Method Anatolia Bosphore Species Identification Kit Horse v1) Kit Method (Magrev Tissue Genomic DNA Extraction Kit Procedure)
Meat and Meat Products	Species Detection (Searching for Turkey DNA) The Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Anatolia Bosphore Species Identification Kit Turkey v1) Kit Method (Magrev Tissue Genomic DNA Extraction Kit Procedure)
Meat and Meat Products	Species Detection (Searching for Bovine DNA) The Real Time PCR Method Pretreatment: DNA Extraction	Kit Method Anatolia Bosphore Species Identification Kit Bovine v1) Kit Method (Magrev Tissue Genomic DNA Extraction Kit Procedure)
Food Feed Environmental Samples from Food Business	Detection of <i>Salmonella spp.</i>	TS EN ISO 6579-1

This document has been signed by Gülden Banu Müderrisoğlu on {1} with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.



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Chemicals and Chemical Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Cosmetic Products	Determination of Paraben (Methylparaben, Ethylparaben, Propylparaben, Isopropylparaben, Butylparaben, Isobutylparaben, Benzylparaben) HPLC-DAD Method	In House Method "P13-KB-T216/Rev02" (Modified from Parabens analysis in cosmetics by ultrasonic extraction coupled with HPLC detection and Thermo Fisher Scientific Application Note)
Cosmetics	Detection of <i>Pseudomonas aeruginosa</i>	TS EN ISO 22717
Cosmetic Products	Determination of Mercury (Hg) ICP-MS Method	In House Method - "P13-KB-T213/Rev01" (Modified from NMKL 170)
Cosmetic Products	Determination of Arsenic (As), Antimony (Sb) ICP-MS Method	In House Method - "P13-KB-T210/Rev01" (Modified from NMKL 166)
Cosmetic Products	Determination of Nickel (Ni), Tin (Sn) ICP-MS Method	In House Method - "P13-KB-T211/Rev01" (Modified from NMKL 161)
Cosmetic Products	Determination of Lead (Pb), Cadmium (Cd) ICP-MS Method	In House Method - "P13-KB-T212/Rev01" (Modified from NMKL 161)
Cosmetic Products	Evaluation of the Antimicrobial Protection	TS EN ISO 11930
Cosmetics	Detection and Enumeration of Aerobic Mesophilic Bacteria	TS EN ISO 21149
Cosmetics	Detection of <i>Candida albicans</i>	TS EN ISO 18416
Cosmetics	Enumeration of Yeast and Mold	TS EN ISO 16212
Cosmetic Products	Detection of <i>Escherichia coli</i>	TS EN ISO 21150



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Cosmetics	Detection of <i>Staphylococcus aureus</i>	TS EN ISO 22718
Chemical Disinfectants and Antiseptics	Evaluation of Fungicidal Activity Quantitative Suspension Test	TS EN 1650 + A1 TS EN 1650
Chemical Disinfectants and Antiseptics	Evaluation of Bactericidal Activity Quantitative Suspension Test	TS EN 1276
Cosmetic Products	Determination of Hydrogen Peroxide Titrimetric Method	TS 10340
Cosmetic and Personal Care and Cleaning Products	Determination of pH	In-house Method - "P13-FB-T148/Rev02" (Modified from TS 5270 and US EPA Method 9045 D)
Chemical Disinfectants and Antiseptics	Determination of Density Pycnometer Method	In-house Method - "P13-FB-T134/Rev02" (Modified from TS 342)
Industrial Cleaning Products and Personal Cleaning Products	Determination of Density Pycnometer Method	In-house Method - "P13-FB-T134/Rev02" (Modified from TS 342)
Liquid Surface Cleaning Products, Liquid Hand Soap, Shampoos	Determination of Viscosity Brookfield Method	TS ISO 6388
Cosmetic Products	Determination of Moisture Gravimetric Method	TS 5270
Cosmetic Products	Determination of Fluoride GC-FID Method	In House Method - "P13-KB-T217/Rev01" (Modified from ISSN:2319-8753-International Journal of Innative Research in Science Engineering and Technology-Vol.3, Issue 12 and Communiqué on Analysis Methods Required for the Control of Cosmetic Product Compositions)
Cosmetic Products	Determination of Triclosan, Triclocarban HPLC-DAD Method	In House Method - "P13-KB-T214/Rev01" (Modified from IS 11479 (Part 2): Antibacterial Toilet Soap Specification Part 2 Liquid ICS 71.100.40)
Cosmetic Products	Determination of Hydroquinone HPLC-DAD Method	In House Method - "P13-KB-T215/Rev01" (Modified from HYDROQUINONE: METHOD 5004, Issue 2 - NIOSH Manual of Analytical Methods (NMAM), Fourth Edition)
Cosmetic Products	Determination of Aqueous Suspension pH	TS 5270



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Cosmetic Products	Determination of pH	In House Method - "P13-FB-T148/Rev02" (Modified from TS 5270 and US EPA Method 9045 D)
Cosmetic Products	Determination of pH	TS 4811
Cosmetic Products	Determination of pH	TS EN ISO 11609
Laundry Conditioner	Determination of pH	TS 6365 EN 1262
Detergents, Personal Cleaning Products, Liquid Glass Cleaner, Industrial Dishwasher Detergents, Liquid Hand Soaps, Body Shampoos, Surface Cleaning Products, Hair Conditioners, Shampoos, Powder Detergents, Shaving Cream and Foam	Determination of pH	TS 518
Chemical Disinfectants and Antiseptics	Determination of Total Active Matter Gravimetric Method	TS 518
Surfactants	Determination of Foam	TS 5155
Mechanical Cleaning Agent	Determination of Moisture Gravimetric Method	TS 4495
Laundry Detergent (Industry Type)	Determination of Water Insoluble Substance Gravimetric Method	TS 5155
Oil Remover	Determination of Water Insoluble Substance Gravimetric Method	TS 13396
General Cleaning Products	Determination of Free Alkalinity Titrimetric Method	ISO 4314
Surfactants	Determination of Total Alkalinity Titrimetric Method	TS 5786
Toilet Cleaning Agent	Determination of Acidity Titrimetric Method	TS 13411



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Laundry Detergent (Industry Type)	Determination of Chloride Titrimetric Method	TS 5155
Detergents and Personal Care Products	Determination of Anionic Active Matter Titrimetric Method	In House Method - "P13-KB-T128/Rev03" (Modified from TS 5607 and Official Gazette No:22154)
Detergents, Personal Care Products, Laundry Conditioners and Hair Conditioners	Determination of Cationic Active Matter Titrimetric Method	TS EN ISO 2871-1 TS EN ISO 2871-2
Cosmetic Products	Determination of Total Fat Gravimetric Method	TS 4811
Synthetic Detergents	Determination of Total Active Matter Gravimetric Method	TS 518
Washing Powders	Determination of Active Oxygen Titrimetric Method	TS 5844
Laundry Bleach	Determination of Active Chlorine Titrimetric Method	TS 3464
Mechanical Cleaning Agent	Determination of Active Chlorine Titrimetric Method	TS 4495
Cosmetic Products	Determination of Thioglycolic Acid Titrimetric Method	IEG-2005/3
Cosmetic Products	Determination of Inorganic Salts Gravimetric Method	TS 9676
Soap	Determination of Free Alkali Titrimetric Method	TS 54
Soap	Determination of Total Alkali Gravimetric Method	TS 54



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Soap	Determination of Free Fat Acids Gravimetric Method	TS 54
Soap	Determination of Moisture Gravimetric Method	TS 54
Soap	Determination of Glycerin Titrimetric Method	TS ISO 1066
Soap	Determination of Chloride Titrimetric Method	TS 54
Cosmetic Products	Determination of Flash Point Open Cup Method	TS 1080
Cosmetic Products	Determination of Moisture Gravimetric Method	KS 1764
Cosmetic Products	Determination of SLES (Sodium Lauryl Ether Sulfate)	In-House Method -"P13-KB-T225/Rev00" (Modified from Indian Standard 11478.)
Cosmetic Products	Determination of SLS (Sodium Lauryl Sulfate)	In-House Method -"P13-KB-T224/Rev00" (Modified from Spectrophotometric Determination Of SLS.)
Detergents Personal Cleaning Products Surface Cleaning Products Glass Cleaning Products and Reservoir Blocks Softener	Nonionic Active Substance Determination Gravimetric Method	In-House Method -"P13-KB-T226/Rev00" (Modified from BS 3762-3.7.)
Cosmetic Products	Determination of pH	ISO 6588
Cosmetic Products	Determination of Free Ammonia Titrimetric Method	Cosmetic Directive 2005-3 Communiqué IEG 2005-3
Cosmetic Products	Determination of Formaldehyde	In-House Method-"P13-KB-T235/Rev00" (Modified from Kimteks Formaldehyde Quantification.)
Cosmetic Products	Searching for Mineral Oil	In-house Method- "P13-KB-T186/Rev00" (modified from TS 894/TS5039 standards.)
Cosmetic Products	Determination of Chloride Titrimetric Method	TS 518
Cosmetic Products	Determination of Soap Content	In-House Method -"P13-KB-T227/Rev00" (modified from ISO 2271.)



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Cosmetic	Searching for Animal DNA The Real Time PCR Method Pretreatment: DNA Extractio	Kit Method (Exon Screen VEGAN ASSAY+ (IK) Kit Procedure)
Cosmetics	Searching for Pig DNA The Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Pork Assay Kits) Kit Procedure
Cosmetic Products	Determination of Soap Content	GSO 152
Detergents, Surfactants (Soap, surface cleaners)	Features of Rinsing	GSO 152
Cosmetics	Gluten Search ELISA Method	R-BIOPHARM RIDASCREEN GLIADIN PROCEDURE
Cosmetics	Determination of the Amount of Ethyl Alcohol GC-FID Method	In-House Method -"P13-KB-T228/Rev00" (modified from AOAC 983.13.)
Cosmetics	Determination of the Amount of Methyl Alcohol GC-FID Method	In-House Method -"P13-KB-T229/Rev00" (Modified from AOAC 983.13.)
Cosmetics	Determination of 1,4 Dioxane GC-FID Method	In-House Method -"P13-KB-T233/Rev00" (JOURNAL OF AOAC INTERNATIONAL VOL. 84, NO. 3, modified from 2001.)

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Environmental Tests


Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Water	Sampling for Microbiological Analysis	TS EN ISO 19458
Water	Enumeration of <i>Legionella</i> Membrane Filtration Technique	ISO 11731
Water	Enumeration of <i>Pseudomonas aeruginosa</i> Membrane Filtration Technique	TS EN ISO 16266
Water	Enumeration of Coliform Bacteria Membrane Filtration Technique	TS EN ISO 9308-1
Water	Enumeration of <i>Escherichia coli</i> Membrane Filtration Technique	TS EN ISO 9308-1
Water	Colony Count (22 °C)	TS EN ISO 6222
Water	Colony Count (37 °C)	TS EN ISO 6222
Water	Detection and Enumeration of Sulfite Reducing Anaerobic Bacteria (Clostridia) Spores Membrane Filtration Technique	TS 8020 EN 26461-2
Water	Enumeration of Fecal Enterococci Membrane Filtration Technique	TS EN ISO 7899-2
Water	Determination of pH Electrometric Method	TS EN ISO 10523
Water	Determination of Colour Spectrophotometric Method	SM 2120 C
Water	Determination of Turbidity Nephelometric Method	SM 2130 B
Water	Determination of Conductivity Electrometric Method	TS 9748 EN 27888
Water	Determination of Permanganate Index Titrimetric Method	TS 6288 EN ISO 8467



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Water	Determination of Ammonium / Ammonium Nitrogen Spectrophotometric Method	TS 7159
Water	Determination of Nitrite / Nitrite Nitrogen Spectrophotometric Method	TS 7526 EN 26777
Pool Water	Sampling from Swimming Pools	"Regulation on the Health Principles of Swimming Pools" Subclause 6
Pool Water	Enumeration of <i>Legionella</i> Membrane Filtration Technique	ISO 11731
Pool Water	Enumeration of <i>Pseudomonas aeruginosa</i> Membrane Filtration Technique	TS EN ISO 16266
Pool Water	Enumeration of Coliform Bacteria Membrane Filtration Technique	TS EN ISO 9308-1
Pool Water	Enumeration of <i>Escherichia coli</i> Membrane Filtration Technique	TS EN ISO 9308-1
Pool Water	Colony Count (22 °C)	TS EN ISO 6222
Pool Water	Colony Count (37 °C)	TS EN ISO 6222
Pool Water	Determination of pH Electrometric Method	SM 4500 H ⁺ B SM 4500 H+ B
Pool Water	Determination of Ammonium / Ammonium Nitrogen Spectrophotometric Method	TS 7159
Pool Water	Determination of Nitrite Spectrophotometric Method	SM 4500-NO ₂ ⁻ B
Pool Water	Determination of Nitrate Spectrophotometric Method	EPA 352.1
Pool Water	Determination of Free Chlorine Spectrophotometric Method	TS EN ISO 7393-2
Pool Water	Determination of Colour Spectrophotometric Method	SM 2120 C
Pool Water	Determination of Turbidity Nephelometric Method	SM 2130 B
Pool Water	Determination of Temperature Laboratory and Field Method	SM 2550 B

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Pool Water	Determination of Cyanuric Acid Spectrophotometric Method	In-house Method "P13-KB-T141/Rev04" (Modified from Water Research, Vol. 18, No:3, 277-280)
Pool Water	Determination of Conductivity Laboratory Method	SM 2510 B
Pool Water	Determination of Free Chlorine Photometric Method	Ready Kit Method (DPD NO 1 AP011) In-house Method - "P13-KB-T191/Rev02" (Modified from Palintest Instruction Manual)
Pool Water	Determination of Bound Chlorine Photometric Method	Ready Kit Method (DPD NO 3 AP031/1) In-house Method - "P13-KB-T191/Rev02" (Modified from Palintest Instruction Manual)
Pool Water	Determination of Bound Chlorine Spectrophotometric Method	TS EN ISO 7393-2
Pool Water	Determination of Total Chlorine Spectrophotometric Method	TS EN ISO 7393-2
Water (Water Systems)	Enumeration of <i>Legionella</i> Swab Method (Membrane Filtration Technique)	ISO 11731
Sea Food	Detection of <i>Vibrio spp.</i> , <i>Vibrio cholerae</i> , <i>Vibrio parahaemolyticus</i> and <i>Vibrio vulnificus</i>	ISO 21872-1
Water	Determination of Chloride Titrimetric Method	TS 4164 ISO 9297
Water	Determination of Hardness EDTA Titrimetric Method	SM 2340 C
Water	Determination of Alkalinity Titrimetric Method	Standard Method for the Examination of Water and Wastewater, 2320 B, 23 nd ED 2017
Pool Water	Aluminum(Al) Determination ICP MS Method	SM 3125 B
Pool Water	Copper (Cu), Determination of ICP-MS Method	SM 3125 B

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