

MATRIX GROUPS	NAME OF ANALYSIS / (PRODUCT)	REFERENCE (Method)
VEGETABLE AND ANIMAL FATS AND OILS (OLIVE OIL, POMACE OIL, SUNFLOWER OIL, CORN OIL, COTTON OIL, SOYBEAN OIL, BUTTER, TALLOW, PALM OIL, KERNEL, SESAME OIL, CANOLA OIL, WALNUT OIL, FLAX OIL AND FISH OIL...ETC)	Determination of the flash point	AOCS/Cc 9c-95
	Vitamin A (HPLC)	BASF/T.20/0330QA003
	Determination of Aliphatic Alcohols rate	COI/T.20/Doc.No.26
	Bellier Index	TS 5048
	Total rate of palmitic and stearic acids at position β	IUPAC No 2.210
	Cold Test	AOCS/Cc 11-53
	Residue Rate- Centrifugal Method (raw oils)	TS EN ISO 15301
	Freezing point	AOCS/Cc 3b-92
	Sensory Evaluation (Olive Oil)	COI/T.20/Doc.No.15
	Determination of the difference of ECN 42 content (HPLC)	COI/T.20/Doc.No.20
	Foreign substance and ashes that are not volved in ether (Olive Oil)	TS 342
	Antioxidants (BHT,BHA,TBHQ,PG)	HP /Food Analysis
	Global Method (Olive oil and Prina oil)	COI/T.20/Doc.No.25
	Iodine Index (wijs method)	AOCS Cd 1-25
	Refraction Index	TS 4960
	Clorophyl Rate (Olive oil and Prina oil)	AOCS/Cc 13d-55
	Ash Rate	TS 6399
	Detection of Mineral Oil (Analytical Method)	TS 5039
	Mineral oil (Hydrocarbon) Rate (Column Chromatography)	AOCS Ca 6c-65
	Determination of moisture and volatile matter	TS1607 EN ISO 662
	Moisture and colatile matter (Karl Fischer)	AOCS/Ca 2e-84
	Determination of total fatty acid and oxidized fatty acid	AOCS G 3-53
	Omega Fatty Acids	COI/T.20/Doc.No.17
	Specific gravity	TS 4959
	PAHs: benzo (a)pyrene	ISO 15753
	Determination of cotton seed oil (Analytical method)	TS 5041
	Determination of peroxide	ISO 3960
	Polar Compounds	IUPAC No 2.507
	Determination of Prina Oil Tesbiti(Analytical method)	TS 5042
	Determination of Canola Oil - GC- (Olive Oil and Prina Oil)	COI/T.20/Doc.No.17
	Color (Automatic Lovibond)	TS 7959
	Determination of soap volume (Wolf Method)	TS 5038
	Unsaponified substances	TS 4963
	Saponification Number	TS 4962
	Free Fatty Acid	ISO 660
	Determination of Steren	COI/T.20/Doc.No.16
	Sterol Composition and Rate	COI/T.20/Doc.No.10
	Determination of Stigmastadiene	COI/T.20/Doc.No.11
	Detection of Sesame Oil	TS 5044
	Determination of Triglyceride (Trilonilein) HPLC	COI/T.20/Doc.No.20
	Specific absorbance in UV	COI/T.20/Doc.No.19
	Determination of the Wax Rate (GC)	COI/T.20/Doc.No.18
	Composition of fatty acids and trans fatty acids	COI/T.20/Doc.No.17
	Detection of semi dried oils (analytical method)	TS 5046
	Detection of moisture (Butter)	TS 1331
	Determination of peroxide (Butter)	TS 4964
	Determination of the Reichert-Meissl Number (Butter)	TS 1331
	Tocoferole (Vitamin E)	IUPAC No 2.432
	Determination of the salt rate (Butter)	TS 1333 ISO 1738
	Determination of fat free solid substances (Butter)	TS 1331
	Detection of HPLC, and the D2 and D3 Vitamins	TS EN 12821
	The Calculated Saponification Number	AOCS Cd 3a-94
	Determination of the Saponification Number	AOCS Cd 3-25
	Determination of soap- Titrimetric Method- (for refined vegetable oil)	AOCS Cc 17-95
	Value of the Refraction Index (for liquid vegetable and animal oils)	AOCS Cc 7-25
	Determination of insoluble foreign substances	AOCS Ca 3a-46
	Determination of the Ash Rate	AOCS Ca 11-55
	Determination of Moisture and Volatile Matter- Oven Method- (Vegetable and animal oil excluding the dried ones)	AOCS Ca 2c-25

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FATTY SEEDS (SUNFLOWER, CORN, COTTON, SOYBEAN, SESAME, CANOLA, FLAX PRINA, OPIUM POPPY)	Determination of empty and damaged seeds (Flax Seed)	TS 313
	Determination of Moisture	TS 1632
	The total ash rate and the rate that is not solved in HCl	TS 764
	Determination of the Urease Activities (Soybean Products)	TS 4707 ISO 5506
	Determination of Foreign Substances (Sunflower Seed)	TS 2947 EN ISO 658
	Determination of Foreign Substances (Corn)	TS 3415
	Determination of Foreign Substances (Soybean)	TS 308
	Determination of Foreign Substances (Sesame)	TS 311
	Determination of Foreign Substances (Opium Poppy Seed)	TS 312
	Determination of Foreign Substances	TS 2947 EN ISO 658
DRIED NUTS AND FRUITS (WALNUT,PISTACHIS NUT,ALMOND,PEANUT,NUT, PUMPKIN SEED, SWEET CHESTNUT)	Physical Analysis(Crushed Walnut)	TS 1276
	Physical Analysis(Husked walnut)	TS 1275
	Physical Analysis (Crushed sweet almond)	TS 1278
	Physical Analysis (Husked sweet almond)	TS 1277
	Physical Analysis (Crushed nut)	TS 3075
	Moisture(Crushed walnut)	TS 1276
	Moisture(Husked walnut)	TS 1275
	Moisture(Crushed sweet almond)	TS 1278
	Moisture(Husked sweet almond)	TS 1277
	Moisture(Crushed Nut)	TS 3075
	Moisture (Sweet chestnut)	TS 1072
	Determination of Moisture (Derociticated Pistachis Nut)	TS 1280
	Determination of Moisture(Pistachis Nut)	TS 1279
	Physical Analysis (Pistachis Nut)	TS 1279
	Physical Analysis (Derociticated Pistachis Nut)	TS 1280
	Physical Analysis (Sweet Apricot Seed)	TS 3690
SALTED OLIVE	Acidity	TS 774
	Determination of Ferro gluconate and Ferro lactate (for olive) ICP-MS	CEM MARS5 Application Notes
	Determination of damaged and ruined products (olives)	TS 774
	pH	TS 774
	Detection of filtered volume (Olive)	TS 774
	Salt	TS 774
	Determination of size for each product(Olive)	TS 774
MARGARINE	Determination of Acidity	TS 1605
	Vitamin A	TS 2812
	PAHs: benzo (a)pyrene	ISO 15753
	Vitamin D	TS 2812
	Omega Fatty Acids	COI/T.20/Doc.No.17
	Determination of peroxide	TS 4964
	Sterol Composition	COI/T.20/Doc.No.10
	Determination of Water and Fat	TS 2812
	Determination of Salt (Vegetable margarine)	TS 2812
	Fatty Acid Compositions, Trans Fatty Acids and Omega Fatty Acids	COI/T.20/Doc.No.17
Determination of Slip Point (Vegetable Margarine)	TS 2812	

MATRIX GROUPS	NAME OF ANALYSIS / (PRODUCT)	REFERENCE (Method)
SPICES (ANASON,PEPPER, CUMIN, PINE NUT, BLACK SESAME, MUSTARD, OPIUM POPPY, CARDAMON, BLACK PEPPER, CARAWAY, CORIANDER, BLACK CURRANT, COCONUT, MAHALEP, FENNEL, SESAME, PIMENTO, CLOVE, SAFFRON, SUMAC, CINNAMON, GINGER, CURCUMA, ROSEMARY DAPHNE,BASIL, MINT, THYME, OCALIPTUS, ESTRAGON, CURRY)	Extract solved in alcohol	TS 2135
	Determination of afloxatin (B1,B2,G1,G2) (Red Pepper)	AOAC 999.07
	Determination of ash not volved in acid	TS 2133
	Determination of residue in saffron pinches	TS 2644-2 ISO 3632-2
	Physical Analysis (Anasone)	TS 3269 ISO 7386
	Physical Analysis (White Pepper)	TS 5103 ISO 959-2
	Physical Analysis (Pine Nut)	TS 1771
	Physical Analysis (Cardamon)	TS 11486
	Physical Analysis (Black Pepper)	TS 2290 ISO 959-1
	Physical Analysis (Caraway- Karaman)	TS 3893
	Physical Analysis (Clove)	TS 2621
	Physical Analysis (Thyme)	TS 3786
	Physical Analysis (Caraway)	TS 2622
	Physical Analysis (red Pepper-hot pepper)	TS 3706
	Physical Analysis (Coriander)	TS 3894
	Physical Analysis (Dried Rosemary)	TS 11126
	Physical Analysis (Dried Mint)	TS 3498
	Physical Analysis (Black currant)	TS 4062
	Physical Analysis (Mahalep)	TS 1049
	Physical Analysis (Fennel)	TS 7418
	Physical Analysis (Ginger)	TS 2623
	Determination of light seeds (Black Pepper)	TS 2290 ISO 959-1
	Determination of Raw Cellulose (Daphne Leaf)	TS 324
	Determination of Raw Cellulose (Clove and Ginger)	TS 1315,TS 2621 and TS 2623
	Determination of Raw Cellulose (Mustard powder- granulated)	TS 324
	Determination of Thinnes Rate (Hand Sieving Method)	TS 3495
	Determination of Size (red Pepper-hot pepper)	TS 3706
	Microscopic Examination (Red powder pepper)	TS 9183
	Microscopic Examination(Powder Saffron)	TS 2644-2 ISO 3632-2
	Detection of starch (Mustard powder)	TS 4216
	Detection of starch(Caraway - Karaman)	TS 2419
	Detection of starch (Red Pepper)	TS 2419
	Detection of starch(Powder Curry)	TS 9401 ISO 2253
	Detection of starch (Curcuma)	TS 4216
	Size of Particles (Coconut)	TS 3713
	Size of Particles (Mustard Powder)	TS 4448
	Detection of Coloring Substances (Saffron)	TS 2644-2 ISO 3632-2
	Detection of Moisture (Pine Nut)	TS 485
	Detection of Moisture(Çam Fıstığı)	TS 1771
	Detection of Moisture (Mahalep)	TS 1049
	Detection of Moisture (Mustard Seed)	TS 2358 ISO 1237
	Detection of Moisture (Saffron)	TS 2644-2 ISO 3632-2
	Determination of Total Dry Substances (Cummin)	TS 5311 ISO 5534
	Detection of Moisture	TS 2134
	Scoville Index (Hot Red Pepper)	TS 8881 ISO 3513
	Extract solved in cold water	TS 2136
	Ash not solved in water	TS 2132
	Detection of basic specifications (Saffron)	TS 2644-2 ISO 3632-2
	Detection Observation and Order of Process (Saffron)	TS 2644-2 ISO 3632-2
	Total ash rate	TS 2131
	Determination of Salt Rate (Mustard Powder)	TS 1620
	Determination of Salt Rate (Red Pepper)	TS 3706
	Determination of Salt (Sodium Chloride) (Powder Curry)	TS 9401 ISO 2253
	Determination of Salt (Cummin)	TS 2664
	Determination of Salt (Sumac)	TS 382 and TS 3880
	Non-volatile ether extract	TS 2137
	Volatile Oil	TS 8882
	Foreign Subctance	TS 2130
	Foreign Subctance (Coconut)	TS 3713
	Foreign Subctance (Saffron in the pinches)	TS 2644-2 ISO 3632-2
Determination of Fatty Acid (Coconut)	TS 3713	
Determination of Salt (Coat for meatbowls)	TS 3706	
Determination of non-volatile ether extract (Coat for meatbowls)	TS 2137 ISO 1108	
Determination of Volatile Fat (Coat for meatbowls)	TS 8882	
Determination of Moisture (Coat for meatbowls)	TS 2134	
Determination of Total Ash (Coat for meatbowls)	TS 2131 ISO 928	
Determination of Foreign Substances (Black Currant: Coriander)	TS 4062	
Determination of ash not solved in acids (Coat for meatbowls)	TS 2133 ISO 930	
pH Rate (Coat for meatbowls)	TS 1728 ISO 1842	

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MILK AND MILK PRODUCTS	Determination of Immunoaffinity Chromatography and HPLC and Aflatoxine M ₁ (Milk and milk powder)	TS EN ISO 14501
	Determination of Acidity Rate (Milk)-Soxhelet Henkel	TS 1018
	Determination of Acidity Rate (Buttermilk)-Soxhelet Henkel	TS 1018
	Titration Acidity (Yoghurt)	TS 1330
	Titration Acidity (Cream)	TS 1864
	Titration Acidity (Cheese)	TS 591
	Titration Acidity (Milk Powder)	TS 4680
	Sterol Composition and detection in vegetable and animal oil	COI/T.20/Doc.No.10
	Detection of Soluble Substances (Milk Powder)	TS 1329
	Detection of Phosphatase (Raw milk)	TS 1018
	Detection of Phosphatase (Ice cream)	TS 4265
	Volume Enlargement (Overrun) (Ice cream)	TS 4265
	Detection of inhibitor substances (Raw material)	TS 1018
	Detection of Gelatine	AOAC 920.106
	Detection of Carbonate and Formaldehyde (Raw Milk)	TS 1018
	Detection of dirt (Milk)	TS 1018
	Dry Substance and Fat Free Substance (Milk)	TS 1018
	Total Dry Substance (Cheese and processed cheese)	TS 5311 ISO 5534
	Dry Substance and Fat Free Substance (Butter milk)	TS 1018
	Detection of total solid substance (Ice cream)	TS 4851
	Dry Substance and Fat Free Substance (Cream)	TS 1018
	Fat Free Dry Substance (Yoghurt)	TS 1330
	Detection of Ash (Milk)	TS 1018
	Detection of Ash (Milk Powder)	TS 1018
	Detection of Lactose (Milk)	TS 1018
	Mastitis Test (Raw Material)	TS 1018
	Detection of Natamycin (Cheese and Cheese rind)	TS ISO 9233
	Detection of Oxidizing Substances (Raw Milk)	TS 1018
	Determination of Peroxydase (Milk)	TS 1018
	Determination of Peroxydase(Yoghurt)	TS 1330
	Resazurin Examination (Milk)	TS 1018
	Determination of Reichert-Meissl Number (Ice Cream)	TS 1331
	Determination of Water (Milk)	TS 1018
	Determination of Chlorur(Cheese)	TS 3043
	Determination of Foreign Substance (Milk Powder)	TS 1329
	Determination of Foreign Substance(Sediment) (Cream)	TS 1864
	Determination of Fat-Gerber Method (Milk)	TS 8189
	Determination of Fat -GerberMethod(Buttermilk)	TS 8189
	Determination of Fat -Van Gulik Method (Cheese)	TS 3046
	Determination of Fat (Milk Powder)	TS 1329
Determination of Fat(Yoghurt)	TS 1330	
Determination of Fat(Krema)	TS 1864	
Determination of Fat (Ice Cream)	TS 1330	
Density (Buttermilk)	TS 1018	
Density (Milk)	TS 1018	
Determination of Sugar Rate (Ice cream)	TS 7780	

MATRIX GROUPS	NAME OF ANALYSIS / (PRODUCT)	REFERENCE (Method)
FISH,MEAT, MEAT PRODUCTS AND MARINE PRODUCTS	Detection of Ammoniac (<i>Chicken</i>)	TS 5670
	Determination of Nitrogen (Protein) Content	TS 1748 ISO 937
	Detection of Pigments (Canned fish products)	TS 353
	Cummin Rate	TS 1071
	Physical Examinations	TS 1069
	Glukono Delta Lakton Detection	TS 6810
	Determination of Hydroxyproline Content	TS 6236 ISO 3496
	Detection of Histamine	AOAC 1998
	Detection of Chloride Content -Volhard Method (Meat and meat products)	TS1747-1 ISO 1841-1
	Detection of Chloride Content -Volhard Method (Pastrami)	TS1747-1 ISO 1841-1
	Detection of Chloride Content -Volhard Method (Jelly tripe)	TS1747-1 ISO 1841-1
	Detection of L(+) Glutamic Acid	TS 6811 ISO 4134
	Detection of Starch (Meat and meat products)	PEARSON,P.1973
	Detection of Nitrite and Nitrate - Xylenol Method (for meats)	AOAC 935.48
	Detection of HPLC and Oxytetracycline, Tetracycline, and Chlortetracycline (meat, egg and meat products and honey)	35 LMBG-OFFICIAL COMPILATION
	PH Detection	TS 3136 ISO 2917
	Detection of Peroxyde (Meat and Meat Product Oils)	TS 4964
	Detection of polyphosphates	TS 4663
	Detection of Moisture	TS 1743 ISO 1442
	Determination of free fat content	TS 1745 ISO 1444
Total Fat Content	TS 1744	
Total Ash Content	TS 1746 ISO 936	
Total volatile basic acid (TVB-N) (Marine products)	EC Directives 95/149-EC ANNEX II	
HONEY	Detection of Acidity	TS 3036
	Diastase Number	TS 3036
	HMF (Analytic Method)	TS 3036
	Carbonhydrate Profile	AOAC 977.20
	Ash Detection	TS 2131
	Detection of Moisture	TS 3036
	Detection of Starch	TS 3036
	pH	TS 3036
	Solid Substance that is not solved in water	TS 3036
	Detection of Saccharose	TS 3036
	Total Sugar Detection	TS 3036
	Detection of Comercial Glucose	TS 3036

MATRIX GROUPS	NAME OF ANALYSIS / (PRODUCT)	REFERENCE (Method)	
CEREALS (LENTILE ,WHEAT,CRACKED WHEAT,RICE,OATS, SEMOLINA) - FLOUR AND BAKED PRODUCTS- (WHEAT FLOUR, RICE FLOUR, BISCUITS, WAFFLES, PASTRY, FLAKED PASTRY DOUGH, PASTA, NUDDLE, BREAD)	Detection of Acidity (Bread)	TS 5000	
	Detection of Acidity (Flour)	TS 4500 + T:2	
	Controlling Observations for Whitening Procedures (Wheat flour)	TS 4500	
	Detection of Pigments (Cracked Wheat)	TS 2284	
	Detection of Insects and Their Eggs (Cracked Wheat)	TS 2284	
	Controlling Observation for Chlorination (Wheat flour)	TS 4500	
	Detection of Benzoil Peroxyde (Flour)	AOAC 935.34	
	Detection of Falling Number	TS 2235	
	Detection of Acidity in Extracted Acid (Biscuits)	TS 2383	
	Detection of Peroxyde in Extracted Acid (Biscuits)	TS 2383	
	Physical Analysis (Wheat flour)	TS 4500	
	Physical Analysis (Wheat)	TS 2974	
	Physical Analysis (Lentile)	TS 143	
	Physical Analysis (Rice)	TS 2408	
	Physical Analysis (Biscuits)	TS 2383	
	Physical Analysis (Flaked Pasrty Dough)	TS 12230	
	Ash not solved in HCl (Biscuits)	TS 2383	
	Ash not solved in HCl (Waffle)	TS 7474	
	Ash not solved in Acids (Bread)	TS 5000	
	Detection of Hectoliter (Wheat)	TS 2974	
	Detection of Calcium - ICP MS (Cereals)	CEM MAR55 Application Notes	
	Detection of Dry Gluten (Wheat flour)	TS 4178	
	Detection of Salt on Ash (Bread)	TS 5000	
	Detection of Moisture(Cereals)	TS 1135 ISO 712	
	Detection of Moisture (Bread)	TS 5000	
	Detection of Substances to be cooked with water (Pasta)	TS 1620	
	Determination of the Total Ash Content (Except from the seed)	TS 1511 ISO 2171	
	Detection of Total Fat Content	TS 4967	
	Determination of Salt (Bread)	TS 5000	
	Determination of Salt (Pasta)	TS 1620	
	Determination of Wet Gluten (Wheat flour)	TS 4179	
	Determination of Protein Content	TS 1620 T:1-2 and TS EN ISO 20483	
	Determination of Salt (Biscuits)	TS 1620	
	Determination of Salt (Grissinis)	TS 5000	
	Determination of Acid Content (Grissinis)	TS 5000	
	Determination of Sugar (Baked cakes)	TS 1466	
	Ash not solved in HCl(Grissinis)	TS 2383	
	Detection of Total Ash Content (Grissinis,Crackers,Biscuits,Nuddles and Waffles)	TS 1511 ISO 2171	
	Detection of Moisture (Waffles)	TS 1135 ISO 712 ,2001	
	Detection of Total Ash Content(Turkish type Ravioli)	TS 1511 ISO 2171	
	Detection of Moisture (Turkish type Ravioli)	TS 1135 ISO 712 ,2001	
	Determination of the flavors (Baked cakes)	TS 13375	
	Detection of Moisture (Baked cakes)	TS 1201 EN ISO 1741	
	Detection of Total Ash Content (Baked cakes)	TS 1511 ISO 2171	
	Detection of internal substances (Turkish type Ravioli)	TS 12980	
	pH Detection -Potansiyometric Method- (Nuddle)	TS 1728 ISO 1842	
		Brix-Dry Substance solved in water- (Tomato or pepper paste)	TS 1466
		Detection of black stain (Tomato paste)	TS 1466
	Determination of total sugar content (Tomato or pepper paste)	TS 1466	
	Determination of Salt Content (Ketchup)	TS 2664	
	Foreign Substance (Tomato paste)	TS 1466	
	Foreign Substance (Ketchup)	TS 5282	
	Detection of Salt Content (Tomato or pepper paste)	TS 5000	
	Detection of the Cab Size (Canned Tomato or pepper paste)	TS 2664	

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FRUITS AND VEGETABLES	Determination of the Solid Substance Amount	TS 4890
	Determination of ethanol content	TS 1594 ISO 2448
	Ash not solved in HCl	TS 1128
	Moisture Content in Fig	TS 485
	5-HMF Determination	TS 6178 ISO 7466
	Determination of Sulphur Oxide	TS 8131
	Detection of Nitrite and Nitrate HPLC	TS 12014-1
	Detection of Nitrite and Nitrate (Mol.Abs.Spektrof.)	TS 6183
	pH Detection	TS 1728 ISO 1842
	Determination of Titrable Acidity	TS 1125 ISO 750
	Determination of Salt Content	TS 3706
	Determination of Volatile Fat	TS 6473
	Determination of Volatile Fat (Citrus Fruit)	TS 5993
	Determination of Fat Content in Grapes	Application Note Nr 811045EN,Version B-Büchi Labortechnik
DRIED FRUITS AND VEGETABLES (The analysis in this category are valid only for the involved dried products)	Physical Analysis (Pear)	TS 3689 ISO 7702
	Physical Analysis (Seedless Grapes)	DTM Tebliğ-No:2005/19
	Physical Analysis (Seedless Grapes)	TS 3410
	Physical Analysis (Berry)	TS 3570 ISO 7910
	Physical Analysis (Cherry)	TS 3310 ISO 7908
	Physical Analysis (Cherry)	TS 1050 ISO 6755
	Physical Analysis (Plum)	TS 1204
	Physical Analysis (Peach)	TS 3687 ISO 7703
	Physical Analysis (Apricot)	TS 485
	Determination of Sulphur Oxide (Tomato, peach and pear)	TS 3687 ISO 7703
	Determination of Sulphur Oxide (Apricot)	TS 485
	Ochratoxin A in dried grapes	AOAC Vol:83 No:6
	Detection of Moisture(Pear)	TS 3689 ISO 7702
	Detection of Moisture (Berry)	TS 3570 ISO 7910
	Detection of Moisture (Cherry)	TS 3310 ISO 7908
	Detection of Moisture (Cherry)	TS 1050 ISO 6755
	Detection of Moisture(Plum)	TS 1204
	Detection of Moisture(Peach)	TS 3687 ISO 7703
	Detection of Moisture (Grapes)	TS 485
	Detection of Moisture (Apricot)	TS 485
Detection of Moisture (Fig)	TS 541	
Detection of Moisture(Seedless Grapes)	TS 3411	
Physical Analysis (Fig)	TS 541	
SNACKS	Detection of Salt Content (Potato Chips)	TS 3190
	Detection of Moisture(Potato Chips)	TS 2134
	Detection of Salt Content(Snacks)	TS 3190
	Detection of Moisture (Snacks)	TS 2134
FRUIT AND VEGETABLE JUICES	Solvable solid substance- Pycnometric (Fruit Juice)	TS 4889
	Detection of Formol Number (Peach Juice)	TS 1596
	Detection of Formol Number (Orange Juice)	TS 1596
	Detection of Formol Number (Frozen Lemon Juice)	TS 1596
	Pulp Supply (Orange Juice)	TS 1537
	Ash Detection	TS EN 1135
	Clear and Blurred Apple Juice and Patulin Detection in Applesauce	TS EN 14177
	Determination of Proline Content (Fruit Juice)	TS EN 1141

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CANNED MEAL-READY MEALS AND PICKLES	Substances not solved in alcohol (Canned peas)	TS 382
	Physical Analysis (Canned ready Meal)	TS 8862
	Physical Analysis (Canned ready meal : Turkish Karniyarik)	TS 2703
	Physical Analysis (Chickpea stew)	TS 2702
	Physical Analysis (Canned garniture)	TS 12399
	Physical Analysis (Stuffed Pepper with vegetable oil)	TS 2667
	Physical Analysis (Borlotti beans in olive oil)	TS 2664
	Physical Analysis (Canned beans)	TS 382
	Physical Analysis (White bean stew with meat)	TS 2699
	Physical Analysis (Canned vegetable mix)	TS 1470
	Physical Analysis (Canned green bean stew with meat)	TS 2698
	Determination of the Filling Capacity (Canns)	TS 2664
	Determination of the Filtering Capacity (Canns)	TS 2664
	Measuring the Cap Gap (Canns)	TS 2664
	Determination of Salt Content (Ready meals)	TS 2664
	Determination of Salt Content (Canned beans)	TS 382
	Determination of Salt Content (Pickled Cucumber)	TS 11112
Determination of Salt Content (Mixed Pickles)	TS 11112	
JAMS	Determination of Fruit Content	TS 3958
ALCOHOLIC BEVERAGES	Determination of Acid Content	TS 522
	Determination of Alcohol Content (Wine)	TS 522
	Determination of Ethyl Alcohol (Bear)	TS 2259
	Determination of Gravimetry and Total Dry Substance	Consolidated Text/Consleg
	Determination of Carbon dioxide Content	TS 2259
	Determination of Chlorur Content	TS 522
	Determination of Sulphur Dioxide Content (Wine)	TS 522
	Determination of Sulphur Dioxide - Distillation Method (bear)	TS 2259
	Determination of Ash Content	TS 522
	Determination of Volatile Substances via GC	Consolidated Text/Consleg
	Volatile-nonvolatile acid	TS 522
	Density (Wine)	AOAC 920.56 ; AOAC 945.06
TEA AND COFFEE	Sensory Evaluation for Sample Preparation (For Raw Coffee)	TS ISO 6668
	Sensory Evaluation for Sample Preparation(Tea)	TS 3907
	Physical Analysis (Coffee)	TS 3117
	Determination of Raw Cellulose Content(Tea)	TS 4600
	Ash not solved in HCl (Tea)	TS 2383
	Ash not solved in Acids (Coffee)	TS 3117
	Determination of Caffein Content (Tea)	TS 4600
	Determination of Caffein Content (Coffee)	TS 3117
	Determination of moisture (Tea)	TS 1562
	Determination of Dry Substance (Coffee)	TS 3117
	Extract of Petroleum Ether (Coffee)	TS 3117
	Determination of Water Extract (Tea)	TS ISO 9768
	Substances solved in water (Coffee)	TS 3117
	Substances solved in ash or not solved in water (Tea)	TS 1565
	Determination of the alchalic content solved in water (Tea)	TS 1567
	Determination of Theaflavin (Tea)	TS 4600
	Determination of Ash Content (Tea)	TS 1564
	Determination of Ash Content (Coffee)	TS 3117
	Determination of Powder Tea (in black tea)	TGK 2008/42
	Determination of non-oxidized Substances(in black tea)	TS 4600
NONALCOHOLIC BEVERAGES	Ethyl Alcohol(Gaseous drinks)	TS 4080
	Determination of the formol number(Gaseous drinks)	TS 4080
	Determination of phosphoric acid(Gaseous drinks)	TS 4080
	Determination of Caffein Content (Gaseous drinks)	TS 4080
	Determination of Sulhur dioxide Content	TS 8131
	Flying Acid (Gaseous drinks)	TS 522 and TS 4080
Determination of Artificial Flavor Substances	TS 4080	

MATRIX GROUPS	NAME OF ANALYSIS / (PRODUCT)	REFERENCE (Method)
VINEGAR	Determination of Acid	TS 1880
	Determination of asetylmethyl carbonil	TS 1880
	Determination of Ester	TS 1880
	Determination of Iodine Number	TS 1880
	Determination of Sulhur dioxide Content	TS 8131
	Ash Amount	TS 1880
	Oxidation Number	TS 1880
	Total acid content	TS 1880
	Tptal solid substances content	TS 1880
SWEET PRODUCTS (SESAME SEED PASTE, TURKISH DELIGHT)	Determination of Bitterness (Sesame Oil)	TS 2589
	Invert Sugar -Lane Eynon (In Sugar and Candy Contents)	AOAC 923.09
	Determination of Fruit and Cloted Cream (Turkish Delight)	TS 8444
	Determination of Moisture (Sesame Oil)	TS 1201 EN ISO 1741
	Determination of Moisture(Powder Sugar)	TS 861
	Determination of Peroxyde (Vegetable and animal oil)	ISO 3960
	PH Determination (Molasses)	TS 3792
	Determination of Saponification Number (Sesame Seed Pastee)	TS 2590
	Determination of Sesame Oil (Sesame Seed Pastee)	TS 2590
	Determination of Ash (Sesame Oil and Sesame Seed Pastee)	TS 6399
	Total Ash Amount (Pekmez)	TS 3792
	Determination of Sugar Content (Turkish Delight)	TS 7780
	Determination of Sugar(Sesame Seed Pastee)	TS 7780
	Determination of Sugar (Molasses)	TS 1466
	Determination of Salt Content (Sesame Oil Pastee)	TS 1333 ISO 1738
	Composition of Fatty Acids and Trans Fatty Acids (vegetable and animal oils)	COI/T.20/Doc.No.17
	Determination of sugar content in terms of invert sugar -Knight and AllenEdta method- (Sugar offered for human consumption)	TGK 2002/26
	Determination of sugar content in terms of invert sugar-Lane and Eynon Fixed Volume Method- (Sugar offered for human consumption)	TGK 2002/26
	Determination of Sulphat Ash (Sugar offered for human consumption)	TGK 2002/26
	Determination of Polarization (Sugar offered for human consumption)	TGK 2002/26
	Determination of Dry Substances- vacuumed Oven method- (Sugar offered for human consumption)	TGK 2002/26
	Dry substances volved in water (Sugar offered for human consumption)	TGK 2002/26
	Determination of sugar content in terms of invert sugar-Berlin Institute Method- (Sugar offered for human consumption)	TGK 2002/26
	Determination of dry loss - (Sugar offered for human consumption)	TGK 2002/26
	Reichert Meissel Determination (For chocolate and chocolate products)	TS 1331
	Detection of commercial glucose (Molasses)	TS 3036
	Profile of Carbohydrate (molasses)	AOAC 977.20
	Determination of Fat Free Cacao (For chocolate and chocolate products)	TS 7800
	Determination of Fat Content (For chocolate and chocolate products)	TS 7800
	Determination of Cacao Fat Content (For chocolate and chocolate products)	TS 7800
	Determination of hazelnut and hazelnut puree (For chocolate and chocolate products)	TS 7800
	Detection of Moisture (For chocolate and chocolate products)	TS 7800
	Determination of Chocolate Content (For chocolate and chocolate products)	TS 7800
Determination of Ingredients (For chocolate and chocolate products)	TS 7800	
INFANT FORULAS	Determination of Vitamins B ₁ ,B ₂ ,B ₆	TS 11873
	Determination of Vitamin B ₁₂	TS 11886
	Determination of Vitamin D (LC)	TS 11734
	Determination of Folic Acid	TS 11732
	Determination of Vitamin K (HPLC)	TS 11736
	Determination of Nicotinamide	TS 11656
	Determination of Panthothenic Acid	TS 11657
SALT	Determination of Iodine Number	TS 933
	Detection of Moisture	TS 933
	Determination of Sodium Chlorur	TS 6675
	Determination of Sodium Chlorur	TS 933
	Determination of the Substances to be solved in water or acids	TS 1346

MATRIX GROUPS	NAME OF ANALYSIS / (PRODUCT)	REFERENCE (Method)
READY SOUP	Determination of Monosodiumglutamat -Potansiometric Titras.-	AOAC 970.37
	Detection of Moisture	TS 3190
	Determination of Salt Content	TS 3190
	Determination of Acid not solved in HCL (Ready Soup)	TS 5000
MAYONNAISSE	pH	TS 1728 ISO 1842
	Total Acidity Rate	TS 7437
	Fat	TS 7437
	Salt	TS 1333 ISO 1738
	Determination of Egg Number	TS 7437
LEGUMES	Physical Analysis (Dried Cowpea)	TS 3268
	Physical Analysis (Dried Beans)	TS 141
	Physical Analysis (Chick Pea)	TS 142
	Physical Analysis (Dried field bean)	TS 486
	Detection of Moisture (Dried bean)	TS 1135 ISO 712
POWDER FOODS	Determination of Sugar- For Deserts ready to be cooked (Powder prepared with milk)	TS 1466
	Determination of Raw Cellulose (Cacao)	TS 3076-1
	Determination of Cacao Oil (Cacao)	TS 3076-1
	Determination of Alchalic in Ash (Cacao)	TS 3076-1
	Determination of ash not solved in acids (Cacao)	TS 3076-1
	Determination of Total Ash (Cacao)	TS 3076-1
	Detection of Moisture(Cacao)	TS 3076-1
	Total Ash Amount For Deserts ready to be cooked (Powder prepared with milk) -	TS 1511 ISO 2171
	Detection of Moisture - For Deserts ready to be cooked (Powder prepared with milk)	TS 1252 EN ISO 1666
	Determination of Rice (For Deserts ready to be cooked (Powder prepared with milk)	TS 13384
Thinness- Particule Size- (Cacao)	TS 3076-1	
FOOD SUBSTANCES	Vitamin A (HPLC)	BASF/T.20/0330QA003
	Determination of HPLC and Asesulfam-K,Aspartam,Sachharin	TS EN 12856
	Benzoic Acid -Sorbic Acid (HPLC)	USDA Sop: CLG-BSP.01
	Determination of Total HPLC and β -Carotene	TS EN 12823-2
	Counting Bacillus Cereus	CFSAN.FDA/BAM 2001
	Counting Campylobacter Jejuni-Coli-Lari by means of Bax@System Device	AOAC
	Detection of E.Coli 0157:H7 by means of Bax@System Device	AOAC,2005
	Detection of Enterobacter by means of Bax@System Device	AOAC
	Detection of Listeria monocytogenes by means of Bax@System Device	AOAC
	Detection of Listeria by means of Bax@System Device	AOAC.BAM 2003
	Counting ash by means of Bax@System Device	AOAC
	Detection of Salmonella by means of Bax@System Device	AOAC
	Detection of Pigments	AOAC 930.38
	Detection of Bromur Residues (for fumigated products withmethylbromure)	TS 4371
	Counting Byssochlamys and other ashes resistant against heat processings (Fruit Juices)	APHA,1984
	Detection of Campylobacter	CFSAN.FDA/BAM 2001,OXOID MANUAL
	Detection of Clostridium botulinum	TS 12812
	Counting Clostridium perfringens	CFSAN.FDA/BAM 2001
	Determination of Vitamins D ₂ and D ₃ HPLC (for fats)	TS EN 12821
	Preparing products for analysis in case they are not suitable for direct sensory	TS 6259
	The approval of training of smells in sensory evaluations	TS ISO 5496
	Taste Profile Method for Sensory Analysis (for agricultural products)	TS 5546
	Determination of Energy	TS 11729
	Counting Enterobacteriaceae	ISO 7402-1993
	Counting Enterobacteriaceae (Counting colonies)	ISO 21528-2
	Counting Escherichia Coli 0157:H7	CFSAN.FDA/BAM 2002
	Counting Escherichia Coli	CFSAN.FDA/BAM 2002
	Counting Escherichia Coli (B-glucuronidase-positive)	ISO 16649-1
	Counting Escherichia Coli (B-glucuronidase-positive)	ISO 16649-2

MATRIX GROUPS	NAME OF ANALYSIS / (PRODUCT)	REFERENCE (Method)
FOOD SUBSTANCES	Counting fecal coliforms	CFSAN.FDA/BAM 2002
	Counting Fecal Streptococ(=Enterococ)	APHA,1984
	Counting Howard Ashes	AOAC 984.29
	Determination of Sulphur Dioxide ***	AOAC 990.28
	Counting Lactics	CFSAN.FDA/BAM 2002
	Counting lactic acid bacteria	TS ISO 13721
	Counting lipolitic bacteria	APHA,1984
	Counting Listeria monocytogenes	TS EN ISO 11290-2
	Detection of Listeria monocytogenes	TS EN ISO 11290-1
	Detection of Listeria spp.	TS EN ISO 11290-1
	Counting Ashes and Yeast	CFSAN.FDA/BAM 2001
	Determination of metals and other elements -ICP MS (Na,K,Ca,Ni,Mg,Mn,Cu,Zn, Fe,Sn,Pb,Cr,Cd,As)	TS3606/AOAC 993.14,TS 4887, TS 4888, TS EN 13805
	Microbiological Analysis for Canned Foods	TS 10524
	Detection of Pesticides by using GC-ECD/MSD&LC-MS/MS -Multiple Residue Method-(Fresh fruits and vegetables, cereals, mushrooms, dried fruits, snacks, milk and milk products, coffee, cacao and similar products, tea and herbal teas, spices, baked products, honey, meat and meat products, alcoholic and non alcoholic beverages, fruit juices, marine products and flavors) (The Active Component List is on the last 2 pages)	TS EN 12393-1/2/3 + TS EN 1528-1/2/3/4 + Quechers
	Counting Osmophilic Yeasts	APHA,1984
	Determination of Protein (Kjeldahl Method)	TS 1620,TS EN 12135,TS 1748 ISO 937, TS EN ISO 8968-1,TS EN ISO 20483
	Total Ash Determination	APHA,1984
	Counting Pseudomonass spp.(Meat and Meat products)	TS ISO 13720
	Counting Psikrofilik Bacteria	APHA,1984
	Counting Rope Bacteria	TS 3522
	Detection of Salonella	ISO 6579:2002
	Detection of Raw Cellulose (General Method)	TS 6932
	Detection of Raw Cellulose (Amended Scharrer Method)	TS 4966
	Counting Somatic Cells (milks)	TS EN ISO 13366-1
	Counting Staphylococcus aureus	CFSAN.FDA/BAM 2001
	I Detection from water and HPLC- General Method for Red Pepper and Fats	FSA Collaborativ Trial Method 145A
	Counting Clostridia minimizing Sulphit	ISO 15213-2003
	Swab Control (Hygiene and Sanitation for Personnel and Equipment)	Microbiological Analysis of Foods Book,2002
	Counting thermophilic aerob spor forming and other kinds of spor forming bacteria	APHA,1984
	Counting total living beings (Aerobic mezophilic bacteria)	BAM 2001
	Counting Vibrio parahaemolyticus	CFSAN.FDA/BAM 2004
	Detection of Vibrio spp. (Marine Products)	CFSAN.FDA/BAM 2004
	Vitamin C (HPLC)	AOAC
Detection of Fat Content (General Method)	Application Note Nr 811042EN, Version B-Büchi Labortechnik	
ADDITIVE SUBSTANCES	Detection of heavy metal elements for food packages and flavors by means of the ICP-MS Method(As,Hg,Cd,Pb,Fe,Cu,Ni,Sn,Zn,Al)	CEM MAR55 Application Notes
	Detection of sorbic acid (E200), Sodium, Potassium and Calcium Sorbats and the Aldehyde in proyonic acid (E201,E202,E203) (E280)	TGK 2001/46
	Determintion of organic substances solved in water and extractes with dyethyl ether	TGK 2001/46
	Determination of the Melting Point (Sugar Free Vanilin)	TS 3892
	Formic Acid, Formats and other Oxidizing Substances in Additive Substances Acetic acid (E260),Potassium acetat (E261),Sodium diasetat(E262) and calcium acetate (E263)	TGK 2001/46
	Determination of falling substances in Sodium,Potasium and Calcium Lactate (E 325,E326,E327)	TGK 2001/46
	Determination of Loss in Sodyum nitritte(E250)	TGK 2001/46
	Nitrate Determination in Ortosphoric Acid (E338)	TGK 2001/46
	PH Determination	TGK 2001/46
	Determination of peroxyde number in Lecithin (E322)	TGK 2001/46
	#####	TGK 2001/46
	Free acetic acid determination in sodium diasetat(E262)	TGK 2001/46
	Determination of sodium diasetatta(E262) Sodyum Acetat	TGK 2001/46
	Determination of insolvable substances in Mono,Di and Tri-sodium ortophosphat and Mono,Di and Tri-potassium ortophosphat(E339(i), E339(ii), E339(iii), E340(i), E340(ii), E340(iii))	TGK 2001/46
	Determination of sulphat dioxide (Baking Powder)	TS 9053
	Determination of insolvable substances in lecitine (E322) Toluen	TGK 2001/46
	Determination of volatile acids in ortosphoric acid(E338)	TGK 2001/46
	Determination of nonventile substances in propionic acids (E280)	TGK 2001/46
	Vanilin, Vanilic acid, 4-Hydroxybenzildehyde in powder vanilin	TS 4028-2 ISO 5565-2
	Detection of Moisture (in Citric Acid)	TS 933
	Determination of Citric Acid	TS 2600
	Determination of Total Ash Content (in Cirtic Acid)	TS 2131 ISO 928
	DETERMINATION	Aflatoxine in Dried figs, Red Pepper, and Nuts (B1,B2,G1,G2)