



Turkish Accreditation Agency

ACCREDITATION CERTIFICATE

Operating as a Test Laboratory,

**NANOLAB LABORATORY SERVICES CHEMISTRY FOOD CONSULTANCY ENVIRONMENT EDUCATION INDUSTRY AND
TRADE LIMITED COMPANY**

Head Office Address: ADNAN KAHVECİ MAH. TOPÇU Str. VADI BUSINESS CENTER NO:2/25 BEYLİKDÜZÜ İstanbul / Turkey

As a result of the audit carried out by TÜRKAK, it has been accredited in accordance with the TS EN ISO/IEC 17025:2017 standard within the scopes included in the Annex.

Accreditation Number: AB-0566-T

Accreditation Date: 19.07.2012

Revision Date / Number: 27.02.2024 / 18

This Certificate is valid until **03.03.2025**, provided that the Organization whose name and address is written above continues to comply with the TS EN ISO/IEC 17025:2017 Standard and the relevant Regulations and **Communiqués**.


Gulden Banu Muderrisoglu
Secretary General

Turkish Accreditation Agency (TÜRKAK) has signed a multilateral agreement (MLA/MRA) with the European Cooperation for Accreditation (EA) and the International Laboratory Accreditation Cooperation (ILAC) in the field of ISO/IEC 17025.


 TÜRKAK <small>Test TS EN ISO/IEC 17025 AB-0566-T</small>	NANOLAB LABORATUVAR HİZMETLERİ KİMYA GIDA DANIŞMANLIK ÇEVRE EĞİTİM SANAYİ VE TİCARET LİMİTED ŞİRKETİ Accreditation Nr: AB-0566-T Revision Nr: 18 Date: 27.02.2024
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Chemicals and Chemical Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Cosmetic	Detection of Animal DNA Real Time PCR Method Pretreatment: DNA Extraction	Kit Method (Exon Screen Vegan Assay), ISO 21569, ISO 24276 Kit Method (Eurofins Genespin DNA Isolation Kit Manual), ISO 21571
Cosmetic Products	Evaluation of antimicrobial protective activity	TS EN ISO 11930
Cosmetic Products	Identification and Quantification of Paraben (Methyl-Ethyl-Butyl-Benzyl-Propyl Paraben) HPLC-UV/DAD Method	In-house Method T.SOP.20 Rev.01 01.10.2019 (Communiqué on Analysis Methods Required for the Control of Cosmetic Product Compositions (Communiqué No: IEG-2005/7) modified from publication)
Cosmetic Products	Determination of Ethanol, Methanol GC-FID Method	In-house Method T.SOP.22 Rev.00 (Modified from AOAC 984.14)
Cosmetic Products	Detection of Phthalate GC-MS Method	BS EN 16521
Detergent, Skin Powders, Skin cream, Shampoo	pH determination	TS 518 TS 5270 TS 4811 TS 9676
Cosmetic Products	Determination of 2-Phenoxyethanol HPLC-UV/DAD Method	In-house Method - "T.SOP.28 Rev 00" (modified from Indian Journal of Pharmaceutical Sciences 425)
Cosmetic Products	Determination of 1-4 Dioxane Headspace GC-MS Method	In-house Method - "T.SOP.29 Rev 00"
Cosmetic Products	Determination of Hydrogen Peroxide Titrimetric Method	TS 10340
Cosmetic Products	Determination of SLS (Sodium Lauryl Sulphate) Titrimetric Method	In-house Method - "T.SOP.30 Rev 00"
Cosmetic Products	Determination of SLES (Sodium Lauryl Ether Sulphate) Titrimetric Method	In-house Method - "T.SOP.36 Rev 00"
Cosmetic Products, Personal Care And Protective Products, Toothpaste	Solvent Residue (Chloroform, Acetone, Dichloromethane, Benzene, Hexane, Toluene, THF) (GCMS Headspace Method)	In-house Method - "T.SOP.31 Rev 00"
Cosmetics	Determination of Polycyclic Aromatic Hydrocarbon (PAH) content GC-MS Method	In-house Method - "T.SOP.32 Rev 00"
Cosmetics	Determination of the Amount of Insoluble Substances in Water	TS 54
Soap	Determination of Total Alkali Titrimetric Method	BS 1715-2.1 ISO 684
Surfactants, Disinfectants and Detergents	Determination of anionic-active matter Two-Phase Titration procedure	TS ISO 2271
Surface Active Agents and Detergents	Determination of the Free Alkalinity or Free Acidity (Titrimetric Method)	ISO 4314


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Surface Active Agents and Detergents	Determination of the Alkalinity	ISO 4315
Surface Active Agents and Detergents	Determination of Inorganic Sulphates	ISO 8214
Soap, Laundry Detergent, Used in Industrial Washing Machine	Determination of Chloride content Titrimetric Method	TS 54 ISO 457 TS 5155
Biocidal Products	Determination of Hydrogen Peroxide	European Pharmacopoeia 7.0,01/2008:0396, Page 2202
Biocidal Products	PH Determination Method Electrometric Method	European Pharmacopoeia 7.0, 01/2008:20203, Pages 24-25
biocidal products	Determination of Solvents (Ethyl Alcohol, Methyl Alcohol, 1-Propanol, 2-propanol (Isopropyl Alcohol)) Determination GC-FID method	BS EN 14667 AOAC 983.13
All Product Groups (Except Food and Textile)	Appearance, Piece, Odor and Color Control	In-house Method - "T.SOP:24 Rev 00" (modified from Regulation (EC) No 1223/2009 & TS 12439)
Biocidal Products	Gluteraldehyde determination	Pharmaceutica Acta Helvetiae 69
Biocidal Products	Determination of Chlorhexidine Digluconate HPLC-UV/DAD Method	IJPSR (2015), Vol. 6, Issue 12
Biocidal Products	Determination of Benzalkonium Chloride (C8-C10-C12-C14-C16-C18) HPLC-UV Method	In-house Method - "T.SOP:25 Rev 00" (modified from Determination of Benzalkonium Chloride in a Cosmetic - Thermo Application Note)
Biocidal	Determination of Formaldehyde	In-house Method - "T.SOP:26 Rev 00" (modified from TS 10235)
biocidal products	Peracetic acid determination Titrimetric method	In-house Method - "T.SOP:27 Rev 00" (modified from Pulp Bleaching Today, pages 28-29)
Biocidal Products	Determination of Lactic Acid and Citric Acid HPLC-UV/DAD Method	In-house Method - "T.SOP:35 Rev 00"
Biocidal Products	Determination of active chlorine	TS 3464
Biocidal Products	Determination of sodium hypochlorite	TS 3464
Biocidal Products	Determination of Chlorine Dioxide Titrimetric Method	BS EN 12671
Biocidal Products	Determination of 2-phenoxyethanol HPLC-UV/DAD	Indian Journal of Pharmaceutical Sciences 425
Chemical disinfectants and antiseptics Chemical Disinfectants and Antiseptics	Evaluation of Bacteria Killing Efficacy Quantitative Suspension Test	TS EN 1276
Chemical Disinfectants and Antiseptics	Evaluation of Fungal Killing Efficacy Quantitative Suspension Test	TS EN 1650


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Chemical Disinfectants and Antiseptics	Evaluation of Bactericidal Activity in the Medical Area Quantitative Suspension Assay	TS EN 13727+A2
Chemical Disinfectants and Antiseptics	Evaluation of Fungicidal Activity in the Medical Area Quantitative Suspension Assay	TS EN 13624 TS EN 13624
Chemical disinfectants and antiseptics	Evaluation of Bacteria Killing Efficacy in the Veterinary Field Quantitative Suspension Test	TS EN 1656
Chemical disinfectants and antiseptics	Evaluation of Fungicide Efficacy in the Veterinary Field Quantitative Suspension Test	TS EN 1657
Chemical Disinfectants and Antiseptics	Evaluation of Bactericidal Activity Against Legionella Quantitative Suspension Assay	TS EN 13623
Pool water and SPA Disinfectants	Evaluation of Bactericidal Activity	OECD ENV JM MONO 2012 15
Chemical disinfectants and antiseptics	Evaluation of Bactericidal Activity in Room Air (Up to 1m ³ Area)	EN 17272
Chemical disinfectants and antiseptics	Evaluation of Bactericidal and/or Fungisadal Activities Quantitative Non-Porous Surface Test	TS EN 13697+A1
Biocidal Products, Cosmetics	Irritation Test / Skin Irritation and Corrosion Toxicity	OECD 439
Biocidal Products	Determination of Didecylmethylammonium chloride (DDAC) GC-MS Method	In-house Method - "T.SOP:71 Rev 00" (modified from JPBA 34(5):909-20 and JAFCA-Analysis of QACs)
Biocidal Products	Determination of 2-Phenylphenol (OPP) (Using HPLC)	In-house Method - "T.SOP:73 Rev 01" (modified from Journal of AOAC International Vol. 95, No. 2, 2012)
Biocidal Products	Determination of o-Phthalaldehyde (OPA) HPLC Method	In-house Method - "T.SOP:74 Rev 00" (modified from J. Chroma. A, 1247, (2012), 99-103)
Biocidal Products	Determination of Silver, Silver Nitrate and Colloidal Silver ICP-MS Method / Titrimetric Method	European Pharmacopoeia 7.0, 01/2008:0009, Page 2905 01/2008 :2281, Page 2904 NMKL161, NMKL 170
Biocidal and cosmetics Products	Density	OECD 109
Biocidal Products	Determination of N-(3-aminopropyl)-N-dodecyl-1,3-propanediamine (LONZABAC) Titrimetric Method	In-house Method - "T.SOP:76 Rev 00" (modified from Chemosphere 95 (2014) 379-386)
Biocidal Products	Determination of Methylisothiazolinone (MIT) GC-MS Method	In-house Method - "T.SOP:77 Rev 00" (modified from Journal of Chromatography A, 1164 (2007) 74-8)
Biocidal Products	Determination of Sodium Dichloroisocyanuric Acid and Trichlorocyanuric Acid HPLC Method	In-house Method - "T.SOP:78 Rev 00" (Modified from Anal. Chem. 2001, 73, 3358-3364)
biocidal products	Determination of Salicylic Acid HPLC Method	In-house Method - "T.SOP:79 Rev 01" (modified from Sielc Tech. App. Note)
biocidal products	Determination of Zinc Pyrithione in Articles Treated with Biocidal Product HPLC Method	In-house Method - "T.SOP:80 Rev 00" (modified from International Journal Of Cosmetic Science,23, 183-188)


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biocidal products	Determination of N,N- diethyl m-toluamide (DEET)	In-house Method - "TSOP81 Rev 00" (modified from AOAC Official Method 2007.01)
Chemical disinfectants and antiseptics	Evaluation of Miko Bacteria Killing Activity Nicel Suspension Experiment < / p>	TS EN 14348
Chemical disinfectants and antiseptics	Evaluation of Miko bacterial kill in veterinary area < / span> Quantical suspension test & nbsp;	TS EN 14204
Chemical Disinfectants and Antiseptics	Evaluation of Sporidical Activity Quantitative Suspension Test	TS EN 13704
Chemical disinfectants and antiseptics	Evaluation of bacteria related to tools used in medicine Quantical Carrier Test & nbsp;	TS EN 14561
Chemical disinfectants and antiseptics	Evaluation of fungi-killing activity related to tools used in medicine Quantitative Carrier Experiment & nbsp;	TS EN 14562
Chemical disinfectants and antiseptics	Chemical disinfectants and antiseptics used in the medical field tools Evaluation of Miko Bacteria or Tuberculosis Killing Event Quantical Carrier Experiment & nbsp;	TS EN 14563
Chemical disinfectants and antiseptics	Evaluation of bactericidal and yeasticidal activity on non-porous surfaces with mechanical action employing wipes in the medical area (4- Field test)	EN 16615
Chemical disinfectants and antiseptics	Evaluation of Virucidal Activity Quantitative Suspension Test	EN 14476+A2
Chemical disinfectants and antiseptics	Quantitative suspension test for the Evaluation of Sporidical activity of Chemical Disinfectants in Medical Area Quantitative Suspension Test	EN 17126
Water disinfectants	Evaluation of Bacteria Killing Efficacy	AOAC 965.13
Liquid Chemical Disinfectants	Quantitative surface test for Evaluation of Residual Antimicrobial (Bactericidal and/or yeasticidal) Efficacy of liquid chemical disinfectant on Hard Non-Porous Surfaces Quantitative Surface Test	PAS 2424
Chemical Disinfectants	Evaluation of Virus Killing Efficacy Against Bacteriophages Quantitative Suspension Test	EN 13610
Biocidal Products	Determination of Antiviral Activity of Plastics and Other Non-Porous Surfaces	ISO 21702
Cosmetics	Determination and count of aerobic mesophilic bacteria	ISO 21149
Cosmetics	<i>Staphylococcus aureus</i>	ISO 22718
Cosmetics	Search of <i>Escherichia coli</i>	ISO 21150
Cosmetics	Search for <i>pseudomonas aeruginosa</i>	ISO 22717
Cosmetics	Enumeration of Yeast & Mould Colony Count Technique	ISO 16212
cosmetics	<i>Candida albicans</i>	ISO 18416

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 Test TS EN ISO/IEC 17025 AB-0566-T	NANOLAB LABORATUVAR HİZMETLERİ KİMYA GIDA DANIŞMANLIK ÇEVRE EĞİTİM SANAYİ VE TİCARET LIMITED ŞİRKETİ Accreditation Nr: AB-0566-T Revision Nr: 18 Date: 27.02.2024	
cosmetic products	Determination of Heavy Metals and Minerals (Aluminum (Al), Antimony (Sb), Arsenic (As), Copper (Cu), Barium (Ba), Beryllium (Be), Boron (B), Mercury (Hg), Zinc (Zn) , Iron (Fe), Gallium (Ga), Silver (Ag), Cadmium (Cd), Tin (Sn), Calcium (Ca), Cobalt (Co), Chromium (Cr), Lead (Pb), Lithium (Li) , Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Potassium (K), Selenium (Se), Cesium (Cs), Sodium (Na), Strontium (Sr), Thallium (Tl) , Tellurium (Te), Vanadium (Vn)) Determination ICP-MS Method	In-house Method-"T.SOP:23 Rev 00" (modified from NMKL 186)
Soap & # 160;	Free-oily acid amount determination & # 160;	BS 1715-2.4
Soap & # 160;	Sofonable, unscaped and unscapable soapable substance determination & # 160;	BS 1715-2.5 ISO 1067
Surfactants, Disinfectants and Detergents	Determination of the Cationic Active Matter Content - Low Molecular Mass Cationic Active Matter Titration with Two Phases	ISO 2871-2
Surfactants, Disinfectants and Detergents	Determination of the Cationic Active Matter Content - High Molecular Mass Cationic Active Matter Titration with Two Phases	ISO 2871-1
Disinfectants, Detergents	Determination of active ingredients	TS 518
Biocidal Products Chemical Disinfectants and Antiseptics,- Public and Personal Area	Determination of sodium hypochlorite	TS 3464
Biocidal Products	Povidone iodine Determination	European Pharmacopoeia 7.0
Soaps	Determination of Content of Ethanol-Insoluble Matter	ISO 673
<ul style="list-style-type: none"> • Liquid Hand Soaps • Shampoo • Hair creams Liquid Hand Soaps, Shampoo, Hair creams	Determination of Inorganic Salts Gravimetric Method	TS 9676
Cosmetic Products, Skin Cream, Lotions	Determination of Fatty Substance Gravimetric Method	TS 4811
Cosmetics	Determination of Ethylenediamine Tetra Acetate (EDTA) Titrimetric Method	ASTM D1767
Soaps	Determination of Total Free Alkali Content Titrimetric Method	BS 1715-2.2 ISO 684 BS 1715-2.2 ISO 684
Soap, Alkaline Detergents	Determination of Free Caustic Alkali Content (NaOH/KOH Determination) Titrimetric Method	ASTM D 501 Clause 9 Clause 10 Clause11 ISO 456
Surfactants, Disinfectants and Detergents	Nonionic Active Substance Determination Titrimetric Method	ISO 2268
Cosmetic Products	Formaldehyde Determination UV-VIS Spectrophotometer Method	In-house Method - "T.SOP:34 Rev 00" (modified from National Laboratories of Food and Drugs Determination of Formaldehyde in Cosmetics)
Biocidal Products	Determination of iodine Titrimetric Method	European Pharmacopoeia 7.0
Chemical Disinfectants and Antiseptics	Mechanical Effect of Chemical Disinfectants Used in the Medical Field on Non-Porous Surfaces Evaluation of Effectiveness in Killing Bacteria and Yeasts and/or Fungi Without Quantitative Surface Test	BS EN 17387

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Chemical Disinfectants and Antiseptics	Evaluation of Virus Killing Efficiency in Devices Used in the Medical Field Quantitative Surface Test	BS EN 17111
Chemical Disinfectants and Antiseptics	Chemical Disinfectants Used in the Medical Field Kill Viruses Without Mechanical Effect Evaluation of its Effectiveness Quantitative Surface Test	BS EN 16777
Chemical Disinfectants and Antiseptics	Evaluation of Virus Killing Effectiveness of Chemical Disinfectants and Antiseptics Used in Veterinary Medicine Quantitative Suspension Test	TS EN 14675
Pool Water and SPA Disinfectants	Evaluation of Virus Killing Efficacy Quantitative Suspension Test	OECD ENV JM MONO 2012 15
Paints Varnishes	Evaluation of the Effectiveness of Film Protectors Against Fungi in a Coating	TS EN 15457
Cosmetic	Determination of Synthetic Dye	In-house Method "T.SOP:33 Rev 00"
Soaps	Determination of Humidity and Volatile Matter	ISO 672

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 <p>TÜRKAK</p> <p>Test TS EN ISO/IEC 17025 AB-0566-T</p>	<p>NANOLAB LABORATUVAR HİZMETLERİ KİMYA GIDA DANIŞMANLIK ÇEVRE EĞİTİM SANAYİ VE TİCARET LIMITED ŞİRKETİ</p> <p>Accreditation Nr: AB-0566-T Revision Nr: 18 Date: 27.02.2024</p>
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Drugs, Biological Products and Pharmaceuticals		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Biocidal Products / Pesticide Formulations	Permanent Foaming Measurement	CIPAC Handbook F, MT 47.3
Biocidal Products / Pesticide Formulations	Degree of Dissolution and Solution Stability	CIPAC Handbook O,179.1
Biocidal Products / Pesticide Formulations	Miscibility with Hydrocarbon Oil	CIPAC Handbook FMT 23
Biocidal Products / Pesticide Formulations	Wet-sieve test	CIPAC Handbook FMT 185
Biocidal Products, Pesticide Formulations	pH Determination (Using pH Meter)	CIPAC Handbook J, MT 75.3
Biocidal Products, Pesticide Formulation	Determination of Acidity and Alkalinity	CIPAC Handbook L, MT 191
Non Sterile Products	Microbial Enumeration Test	EP.2.6.12
Non Sterile Products	Specific Microorganism (<i>Staphylococcus aureus</i>) Test	EP 2.6.13
Non Sterile Products	Specific Microorganism (<i>Pseudomonas aeruginosa</i>) Test	EP 2.6.13
Biocidal Products / Pesticide Formulations	Determination of Permethrin, Deltamethrin, Cypermethrin, Tetramethrin GC MS Method	In-house Method-"T.SOP.90 Rev 00" (Modified from AOAC 2007.01)
Biocidal Products / Pesticide Formulations	Polyhexamethylene Biguanide HPLC Method	In-house Method-"T.SOP.136 Rev 00" (Modified Journal of Pharmaceutical Analysis 2013;3(6):408-414)
Biocidal Products / Pesticide Formulations	Copper Sulphate Pentahydrate ICP-MS Method	In-house Method-"T.SOP.133 Rev 00" (Modified TS EN 12386)

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