



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.

Accreditation Scope

 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	
Food Contact Ceramic Materials	Determination of Cadmium (Cd) and Lead (Pb) ICP-MS Method	TGK: 2012/30
Coulourants to be Used in Plastic in Contact with Food	Determination of Antimony (Sb), Arsenic (As), Barium (Ba), Mercury (Hg), Cadmium (Cd), Chromium (Cr), Lead (Pb) and Selenium (Se) ICP-MS Method	In-house Method- "K.SOP.199/Rev.02" (modified from AP (89) 1)
Food Contact Paper and Board Materials	Determination of Metals and Other Elements (Arsenic (As), Cadmium (Cd), Lead (Pb), Titanium (Ti)) ICP-MS Method	In-house Method - "K.SOP.212/Rev.01" (Modified from NMKL 186)
Aluminum and Aluminum Alloys Used in Food Contact Materials and Articles	Determination of Aluminum Quantity ICP-MS Method	In-house Method- "K.SOP.245/Rev.01" (Modified from NMKL 186)
Food Contact Plastic Materials and Articles	Specific Migration [2,2-bis(4-hydroxyphenyl)propane (Bisphenol A)] Analysis HPLC-FLD Method	• EN 14372
Food Contact Plastic Materials and Articles	Specific Migration - Determination of Phthalate (Phthalic Acid, Dibutyl Ester (DBP); Phthalic Acid, Benzyl Butyl Ester(BBP); Phthalic Acid, Bis(2-Ethylhexyl) Ester(DEHP); (DIDP); DINP) LS-MS/MS method	BS EN 13130-1 Agilent App Note
Food Contact Plastic and Paper/Board Material and Articles	Overall Migration Analysis Modified Polyphenylene oxide (MPPPO) Plastic-High Temperature Substitute Test Paper/Board-Dry Food	TS EN 1186-13 Metot B TS EN 14338
Food Contact Plastic Materials and Articles	Specific Migration - Determination of Primary Aromatic Amine(PAA) [20 PCS] (2,4,5-Trimethylaniline (2,4,5-TMA); 2,4-Diaminoanisole (4-Mm-PDA); 2,4-Diaminotolunene (2,4-TDA); 2,4-Dimethylaniline (2,4-DMA); 2,6-Dimethylaniline (2,6-DMA); 2-Methoxy-5-methylaniline (2-M-5-MA); 2-Methyl-m- phenylenediamine (2,6-TDA); 4,4'-Diaminodiphenylmethane (4,4'-MDA); 4,4'-Methylene-bis-(2-methyl-aniline) (4,4'-MDoT); 4,4'-Oxydianiline (4,4'-DPE), 4-Aminobiphenyl (4-ABP), 4-Chloro-2-methylaniline (4-CoT), 4-Chloroaniline (4-CA), Aniline (ANL); Benzidine (BNZ), m-Phenylenediamine (m-PDA), o-Anisidine (o-ASD), o-Tolidine (3,3'-Dimethylbenzidine) (3,3'-DMB), o-Toluidine (oT); p-Phenylenediamine (p-PDA) LC-MS/MS Method	EUR 24815 EN 2011
Food Contact Plastic Materials and Articles	Specific Migration - Determination of Epoxy Derivatives (BADGE.2H ₂ O; BADGE.2HCl; BADGE.H ₂ O.HCl; BADGE.H ₂ O; BADGE.HCl; BADGE; BFDGE; NOGE) LS-MS/MS Method	BS EN 13130-1 Thermo App Note 521
Food Contact Plastic Materials and Articles	Specific Migration - Determination of Elements (Aluminum (Al), Copper(Cu) , Barium(Ba), Zinc(Zn), Iron(Fe), Cobalt(Co), Lithium(Li), Manganese(Mn), Nickel(Ni)) ICP-MS Method	BS EN 13130-1 ISO 17294-1
Food Contact Plastic Materials and Articles	Determination of Phthalates [5 PCS] (Phthalic Acid, Dibutyl Ester (DBP); Phthalic Acid, Benzyl Butyl Ester(BBP); Phthalic Acid, Bis(2-Ethylhexyl) Ester(DEHP); (DIDP); DINP) GC-MS Method	CPSC-CH-C1001-09.3
Food Contact Plastic Materials and Articles	Overall Migration Analysis Total Immersion (Aqueous Foods-Aqueous, Acidic, Alcoholic) Gravimetric Method	TS EN 1186-3
Food Contact Plastic Materials and Articles	Overall Migration Analysis by Article Filling (Aqueous Foods-Aqueous, Acidic, Alcoholic) Gravimetric Method	TS EN 1186-9
Food Contact Plastic Materials and Articles	Overall Migration Analysis Substitution Test Method (Fatty-95% Ethanol and Isooctane) Gravimetric Method	TS EN 1186-14
Food Contact Plastic Materials and Articles	Determination of structure (FTIR) FT-IR Method	In-house Method- "K.SOP.156/Rev.01" (HR Hummel Polymer and Additives, HR Raman Polymer Library, Hummel Polymer Sample Library)