

EG-Konformitätserklärung

gem. Verordnungen (EG) Nr.1935/2004, (EG) Nr. 2023/2006 und (EU) Nr.10/2011, sowie der Richtlinie 2007/19/EG, für Artikel aus Kunststoff die mit Lebensmitteln in Kontakt kommen.

Hersteller: baytronic Handels GmbH; Harterfeldweg 4, A-4481 Asten

Artikelbezeichnung: NABO Dörrautomat DA 400 | Art. Nr.: 5002369

Identität der Materialien, Gegenstände, Produkte aus Zwischenstufen der Herstellung oder der Stoffe, die zur Herstellung dieser Materialien und Gegenstände bestimmt sind:

Erklärung / Declaration:

Hiermit bestätigen wir, dass sowohl unser o.g. Produkt als auch die eingesetzten Materialien und Rohstoffe den Vorschriften der Verordnung (EG) Nr.1935/2004, (EG) Nr. 2023/2006 und (EU) Nr.10/2011, sowie der Richtlinie 2007/19/EG, und der Bedarfsgegenständeverordnung (BedGgst V) in ihrer jeweils aktuellen Fassung entsprechen. Stoffe, für die es im Lebensmittel eine Beschränkung gibt und die als sogenannte Dual-Use-Stoffe eingestuft werden, sind in diesem Produkt nicht enthalten.

Die Gesamtmigration, sowie die spezifischen Migrationen liegen bei spezifikationsgemäßer Anwendung unter dem gesetzlichen Grenzwert. (Dies gilt, falls Stoffe mit einer Beschränkung gem. VO (EU) 10/2011 Anh. 1 enthalten sind.)

Die Prüfungen erfolgen nach Art. 17 und 18 der Verordnung (EU) Nr. 10/2011 in Verbindung mit Anhang V.

Folgende Stoffe gemäß der Verordnung 10/2011 mit Beschränkung und/oder Spezifikation, werden in dem o.g. Produkt eingesetzt:

Stoffbezeichnung: AS, PP

Beschränkung: keine

Spezifikation zum vorgesehenen Verwendungszweck oder Einschränkungen:

Art/Arten von Lebensmitteln, die mit dem Produkt in Berührung kommen sollen:

Lebensmittel aller Art

Art/Arten von Lebensmitteln, die NICHT mit dem Produkt in Berührung kommen sollen: k.A

Verhältnis der mit Lebensmitteln in Berührung kommenden Fläche/Gewicht zum Volumen, anhand dessen die Konformität des Lebensmittelbedarfsgegenstandes festgestellt wurde: 10mg/dm²

Es wird keine funktionelle Barriere aus Kunststoff verwendet.

Die Rückverfolgbarkeit nach Verordnung (EG) Nr.1935/2004 des Produkts ist durch die Artikelnummer gewährleistet.

Daraus ergibt sich, dass sich das oben genannte Produkt für wässrige, trockene und alkoholische Lebensmittel eignet.

Gegen die Verwendung des Produktes als Bedarfsgegenstandes mit Lebensmittelkontakt im Sinne der EU-Rahmenverordnung EG 1935/2004 und der Paragraphen §§ 30 und 31 des LFGB bestehen keine Bedenken.

Hinweise / Instruction:

Das oben genannte Produkt ist, sofern keine weitere Bedingung vorhanden ist, trocken, lichtgeschützt und bei Raumtemperatur zu lagern



BAYTRONIC®
 Baytronic Handels GmbH
 Harterfeldweg 4, 4481 Asten
 Tel: +43 7224 683 70, Fax: DW 10
 office@baytronic.at • www.baytronic.at

Franz Lang
 Geschäftsführer

Asten, 01. September 2021
 Gültig bis auf Widerruf

EG-Konformitätserklärung

Anhang zur LFGB-Konformitätserklärung

Based on the assessment of the submitted sample and the information provided, the following tests had been conducted:

- 1) Sensory test on finished product
- 2) Global migration on plastic
- 3) Specific migration of Heavy metal on plastic
- 4) Specific migration of Acrylonitrile on plastic
- 5) Volatile organic matter and peroxide residues on Polystyrene / Styrene Copolymers
- 6) Total Polycyclic aromatic hydrocarbons on plastic and silicone rubber
- 7) Migration Of Polycyclic Aromatic Hydrocarbons (PAHs)
- 8) Determination of Heavy metal release on metal part and non-stick coating

1) Sensory Evaluation

With reference to §64 LFGB I00.90-6.

Test procedure:

Sample was thoroughly rinsed with distilled water and then filled with distilled water to capacity. Filled sample was kept at ambient temperature 40 °C and relative humidity (40-80%) for 10 days. Off-odor and off-taste was evaluated with 6 panelists using control sample of distilled water.

	<u>Result</u>	<u>Limit</u>
Appearance	Clear, Colourless	Clear, Colourless
Odor	0	2.5
Taste	0	2.5

Assessment:

Intensity scale:

0 = No perceptible odour / taste

1 = Odour / taste just perceptible (but still difficult to define)

2 = Slight odour / taste

3 = Distinct odour / taste

4 = Strong odour / taste

As per client's request, the above condition and food simulant were used for the test.

EG-Konformitätserklärung

Anhang zur LFGB-Konformitätserklärung

2) Overall Migration Test For Plastic Food Contacting Materials/Articles

As per commission regulation (EU) NO. 10/ 2011 of 14 January 2011 and its amendments plastic materials and articles intended to come into contact with food.

I. Test Condition:

Test no.	Time and Temperature	
	Aqueous food simulant	Fatty food simulant
OM2	10 days at 40 °C	10 days at 40 °C in Ethanol 95% (v/v) 2 days at 20 °C in Isooctane

II. Test Result:

Tested Component	Result in mg/dm ²								
	3% (w/v) acetic acid			10% (v/v) ethanol			Fatty food simulant		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
(1)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	3.7	<3.0	<3.0
(2)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	11.8	<3.0	<3.0
(3)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	9.4	<3.0	<3.0
Limit in mg/dm ²	10	10	10	10	10	10	10	10	10

Remark: Reporting limit: <3 mg/dm²

As per client's request, the above condition and food simulant were used for the test.

EG-Konformitätserklärung

Anhang zur LFGB-Konformitätserklärung

3) Specific Migration Of Metal For Plastic Food Contacting Materials/Articles

As per commission regulation (EU) NO. 10/ 2011 and its amendments on plastic materials and articles intended to come into contact with food.

I. Test Condition:

Food Simulant	Time (Days)	Temperature (°C)
(B) Acetic acid 3% (w/v)	10	40

II. Test Result:

Test Component: (1); (2); (3)

Element	Result (mg/kg)			Reporting limit (mg/kg)	Limit (mg/kg)
	1st migration	2nd migration	3rd migration		
Aluminum(Al)	ND	ND	ND	0.1	1
Antimony(Sb)	ND	ND	ND	0.01	0.04
Arsenic(As)	ND	ND	ND	0.01	ND
Barium(Ba)	ND	ND	ND	0.1	1
Cadmium(Cd)	ND	ND	ND	0.002	ND
Chromium(Cr)	ND	ND	ND	0.01	ND
Cobalt(Co)	ND	ND	ND	0.03	0.05
Copper(Cu)	ND	ND	ND	1	5
Iron(Fe)	ND	ND	ND	5	48
Lead(Pb)	ND	ND	ND	0.01	ND
Lithium(Li)	ND	ND	ND	0.1	0.6
Manganese(Mn)	ND	ND	ND	0.1	0.6
Mercury(Hg)	ND	ND	ND	0.01	ND
Nickel(Ni)	ND	ND	ND	0.01	0.02
Zinc(Zn)	ND	ND	ND	1	5
Tungsten(W)	ND	ND	ND	0.02	0.05
Europium(Eu)	ND	ND	ND	0.01	0.05
Gadolinium(Gd)	ND	ND	ND	0.01	0.05
Lanthanum(La)	ND	ND	ND	0.01	0.05
Terbium(Tb)	ND	ND	ND	0.01	0.05
Sum of (Eu, Gd, La, Tb)	ND	ND	ND	0.04	0.05

Remark:

ND=Not detected

Per client request, add the migration limit of Tungsten which was quoted from Amendment (EU) 2018/79 of 18 January 2018.

As per client's request, the above condition and food simulant were used for the test.

EG-Konformitätserklärung

Anhang zur LFGB-Konformitätserklärung

4) Specific Migration of Acrylonitrile For Plastic Food Contacting Materials/Articles

As per commission regulation (EU) NO. 10/ 2011 of 14 January 2011 and its amendments on plastic materials and articles intended to come into contact with food.

I. Test Condition:

Food Simulant	Time (Days)	Temperature (°C)
(A) Ethanol 10% (v/v)	10	40
(B) Acetic acid 3% (w/v)	10	40
(D2) Fatty food: Ethanol 95% (v/v)/ Isooctane	10/2	40/20

II. Test Result:

Tested Component (3)	Acetic acid 3% (w/v) ND	Result in mg/kg Ethanol 10% (v/v) ND	Fatty food ND
Limit in mg/kg	Not detected		

Remark: ND=Not detected
 Detection Limit = 0.01 mg/kg
 As per client's request, the above condition and food simulant were used for the test.

5) Volatile Organic Matter and Peroxide Residues Of Polystyrene / Styrene Copolymers

As per LFGB Recommendation V / VI.

Volatile Organic Matter

I. Test Condition:

Temperature: 90 °C Time: 24 hours

II. Test Result:

Tested Component / Sample (3)	Result (mg/dm ²) 10	Limit (mg/dm ²) 15
----------------------------------	------------------------------------	-----------------------------------

Peroxide Residues

I. Test Result:

Tested Component / Sample (3)	Result No positive reaction	Requirement No positive reaction to peroxides
----------------------------------	--------------------------------	--

EG-Konformitätserklärung

Anhang zur LFGB-Konformitätserklärung

6) Polycyclic aromatic hydrocarbons (PAHs) content

With reference to AfPS GS 2019:01 PAK (PAH), by solvent extraction and determined by Gas Chromatography - Mass Spectrometry Detector (GC-MSD).

Test Result:

Compound	CAS No.	Result (ppm)		Requirement (ppm)
		(2)	(3)	
Phenanthrene	85-01-8	ND	ND	0.2
Anthracene	120-12-7	ND	ND	0.2
Fluoranthene	206-44-0	ND	ND	0.2
Pyrene	129-00-0	ND	ND	0.2
Naphthalene	91-20-3	ND	ND	0.2
Benzo(a)Anthracene	56-55-3	ND	ND	0.2
Chrysene	218-01-9	ND	ND	0.2
Indeno(1,2,3-cd)Pyrene	193-39-5	ND	ND	0.2
Benzo(b)Fluoranthene	205-99-2	ND	ND	0.2
Benzo(k)Fluoranthene	207-08-9	ND	ND	0.2
Benzo(a)Pyrene	50-32-8	ND	ND	0.2
Dibenzo(a,h)Anthracene	53-70-3	ND	ND	0.2
Benzo(g,h,i)Perylene	191-24-2	ND	ND	0.2
Benzo(e)Pyrene	192-97-2	ND	ND	0.2
Benzo(j)Fluoranthene	205-82-3	ND	ND	0.2

Remark: Detection Limit = 0.2 ppm
 ppm = Parts per million = mg/kg
 ND = Not Detected

EG-Konformitätserklärung

Anhang zur LFGB-Konformitätserklärung

7) Migration Of Polycyclic Aromatic Hydrocarbons (PAHs)

As per commission regulation (EU) NO. 10/2011, selection of test condition & food simulants by 82/711/EEC, 85/572/EEC and its amendment and EN13130-1.

I. Test Condition:

	Food Simulant	Time (Hours)	Temperature(°C)
(B)	Acetic acid 3% (w/v)	10	40
(D2)	Fatty food: Ethanol 95% (v/v)/ Isooctane	10/2	40/20

II. Test results:

Compound	CAS No.	Result (ppm)	Requirement (ppm)
Phenanthrene	85-01-8	ND	0.2
Anthracene	120-12-7	ND	0.2
Fluoranthene	206-44-0	ND	0.2
Pyrene	129-00-0	ND	0.2
Naphthalene	91-20-3	ND	0.2
Benzo(a)Anthracene	56-55-3	ND	0.2
Chrysene	218-01-9	ND	0.2
Indeno(1,2,3-cd)Pyrene	193-39-5	ND	0.2
Benzo(b)Fluoranthene	205-99-2	ND	0.2
Benzo(k)Fluoranthene	207-08-9	ND	0.2
Benzo(a)Pyrene	50-32-8	ND	0.2
Dibenzo(a,h)Anthracene	53-70-3	ND	0.2
Benzo(g,h,i)Perylene	191-24-2	ND	0.2
Benzo(e)Pyrene	192-97-2	ND	0.2
Benzo(j)Fluoranthene	205-82-3	ND	0.2

Remark: Detection limit = 10 µg/L
 µg/L = Microgram per litre
 ND = Not Detected

EG-Konformitätserklärung

Anhang zur LFGB-Konformitätserklärung

8) Release Testing on Metals and Alloys Used in Food Contact Materials and Articles
 With reference to EU Technical Guide "Council of Europe Resolution CM/Res (2013)9 on metals and alloys Used in Food Contact Materials and Articles". Migration test was carried out and heavy metal content was determined by Inductively Coupled Plasma Mass Spectrometer (ICP-MS) with reference to ISO 17294-2:2016 respectively.

I. Test Condition:

Food Simulant	Time (Days)	Temperature(°C)
Artificial tap water (prepare according DIN 10531 Clause 4.2.2.2)	10	40

II. Test Result:

Elements	Result 1st test (mg/kg) (4)	Result 2nd test (mg/kg) (4)	Result 1st test + Result 2nd test (mg/kg) (4)	7*Limit (mg/kg)	Result 3rd test (mg/kg) (4)	Limit (mg/kg)
Silver (Ag)	<0.01	<0.01	<0.01	0.56	<0.01	0.08
Aluminium (Al)	<1	<1	<1	35	<1	5
Chromium (Cr)	<0.05	<0.05	<0.05	1.75	<0.05	0.250
Cobalt (Co)	<0.004	<0.004	<0.004	0.14	<0.004	0.02
Copper (Cu)	<0.5	<0.5	<0.5	28	<0.5	4
Iron (Fe)	<1	<1	<1	280	<1	40
Manganese (Mn)	<0.1	<0.1	<0.1	12.6	<0.1	1.8
Molybdenum (Mo)	<0.02	<0.02	<0.02	0.84	<0.02	0.12
Nickel (Ni)	<0.02	<0.02	<0.02	0.98	<0.02	0.14
Tin (Sn)	<10	<10	<10	700	<10	100
Vanadium (V)	<0.002	<0.002	<0.002	0.07	<0.002	0.01
Zinc (Zn)	<1	<1	<1	35	<1	5
Antimony (Sb)	<0.005	<0.005	<0.005	0.28	<0.005	0.04
Arsenic (As)	<0.0004	<0.0004	<0.0004	0.014	<0.0004	0.002
Barium (Ba)	<0.1	<0.1	<0.1	8.4	<0.1	1.2
Beryllium (Be)	<0.002	<0.002	<0.002	0.07	<0.002	0.01
Cadmium (Cd)	<0.001	<0.001	<0.001	0.035	<0.001	0.005
Lead (Pb)	<0.002	<0.002	<0.002	0.070	<0.002	0.010
Lithium (Li)	<0.005	<0.005	<0.005	0.336	<0.005	0.048
Mercury (Hg)	<0.0005	<0.0005	<0.0005	0.021	<0.0005	0.003
Thallium (Tl)	<0.00002	<0.00002	<0.00002	0.0007	<0.00002	0.0001
Magnesium (Mg)	<5	<5	<5	-	<5	-
Titanium (Ti)	<0.1	<0.1	<0.1	-	<0.1	-

Remark: The submitted component is a repeated use article. The migration test was carried out three times on the same article. The sum of the results of the first and second tests should not exceed seven times the limit (Result 1st test + Result 2nd test < 7 * limit) and the Result 3rd test shouldn't exceed the limit.

As per client's request, the above condition and food simulant were used for the test.