Nette
PARTNER IN HANDEL & INDUSTRIE

nette-deutschland.de

Lebensmittelrechtliche Konformitätserklärung

Für unseren Artikel:

Bagasse-Deckel f. Hartpapierbecher 10/12/16oz

mit der folgenden Artikel-Nummer:

4816203

Hiermit bestätigen wir auf der Grundlage der uns vorliegenden Lebensmittelunbedenklichkeits-erklärung des Produzenten, dass die von uns oben genannten Artikel für den Kontakt mit Lebensmitteln geeignet sind und den dafür vorgesehenen Gesetzen sowie Richtlinien entsprechen.

Zum eigenen Schutz unserer Lieferquellen sind Vorlieferant und Untersuchungslabor sowie dritte beteiligte Personen unkenntlich gemacht. Die uns vorliegende Originalerklärung kann den zuständigen Behörden auf Verlangen zur Verfügung gestellt werden.

Lebensmittelunbedenklichkeitserklärung des Lieferanten:

ANFANG LEBENSMITTELUNBEDENKLICHKEITSERKLÄRUNG DES LIEFERANTEN

Test Report No. CANEC2119275203 Date: 05 Nov 2021 Page 1 of 11

The following sample(s) was/were submitted and identified on behalf of the clients as : White pulp cup lid

[redacted] Job No. :	CP21-055328 - SZ
Date of Sample Received :	19 Oct 2021
Testing Period :	19 Oct 2021 - 04 Nov 2021
Test Requested :	Selected test(s) as requested by client.
Test Method :	Please refer to next page(s).
Test Results :	Please refer to next page(s).

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Geschäftsführer: Dipl.-Kfm. Michael Nette
Steuer-Nr.: 20/210/22840
Amtsgericht Göttingen HRB 1028
USt-Id-Nr.: DE 249 606 280
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Result Summary :

Test Requested	Conclusion
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Fastness of fluorescent whitened paper and board	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Preserving effect	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments–Sensorial examination odour and taste test	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation–Specific migration of Benzophenone and 4-methylbenzophenone	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation– Extractable formaldehyde	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation– Extractable heavy metals	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Extractable Glyoxal	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation – Extractable Primary Aromatic Amine	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Azo Dyes content	PASS

Test Results :

Test Part Description :

Specimen No.	[redacted] Sample ID	Description	Material (claimed by the client)
SN1	CAN21-192752.001	White paper lid	Paper

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Fastness of fluorescent whitened paper and board

Test Method : With reference to EN 648:2018, analysis was performed by UV lamp.

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001	Comment
3% Acetic acid (W/V) aqueous solution	4hr(s)	23±2°C	★	Grade 5	PASS
Rectified Olive Oil	30min(s)	120±3°C	★	Grade 5	PASS

Notes :

1. ★=Grade 5.
2. Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Preserving effect

Test Method : With reference to EN 1104:2018.

Test Item(s)	Limit	*001*
Aspergillus niger ATCC 6275	★	Absent
Bacillus subtilis ATCC 6633	★	Absent
Comment		**PASS**

Notes :

1. ★= Absence of zone inhibition
2. Absent denotes absence of Antimicrobic constituents.
   Present denotes presence of Antimicrobic constituents .

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments–Sensorial examination odour and taste test

Test Method : With reference to DIN10955:2004,direct contact method.
No.of panelist:6

Test Item(s)	Limit	*001*
Test media	-	Distilled water
Test Temperature (°C)	-	70
Test time (hr)	-	2
Sensorial examination odour (Point scale)	2.5	0.0
Sensorial examination taste (Point scale)	2.5	0.0
Comment		**PASS**

Notes :

Intensity scale (rounded at 0.5):
0 – no perceptible difference
1 – just perceptible difference
2 – slight difference
3 – marked difference
4 – strong difference

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation–Specific migration of Benzophenone and 4-methylbenzophenone

Test Method : With reference to EN13130-1:2004, analysis was performed by GC-MS.

Sample 001

Simulant Used : Rectified olive oil
Test Condition : 70 °C 2.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	1st
Area/Volume	-	dm^2/kg	-	5.6
Specific migration of Benzophenone	0.6	mg/kg	0.2	ND
Specific migration of 4-methylbenzophenone	0.2	mg/kg	0.2	ND
Comment				**PASS**

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation– Extractable formaldehyde

Test Method : With reference to BS EN1541:2001 & EN647:1993 (hot water extraction), analysis was performed by UV- Vis.

Sample 001

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Extractable formaldehyde	1	mg/dm²	0.1	ND
Comment				**PASS**

Notes :

1. mg/dm² = milligram per square decimeter
2. MDL=Method Detection Limit
3. ND = Not Detected(less than MDL)

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation– Extractable heavy metals

Test Method : With reference to EN647:1993 (hot water extraction), analysis was performed by ICP-MS and LC-ICP-MS.

Test Item(s)	Limit	Unit	MDL	*001*
Extractable Aluminum	1000	µg/L	100	238
Extractable Cadmium	5	µg/L	2	ND
Extractable Lead	10	µg/L	5	ND
Extractable Chromium (VI)	Absent	mg/dm²	0.004	ND
Extractable Chromium (III)	0.004	mg/dm²	0.004	ND
Comment				**PASS**

Notes :

1. mg/kg = milligram per kilogram
2. mg/dm² = milligram per square decimeter

3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)
5. Extractable Chromium (III)= Extractable Total Chromium- Extractable Chromium (VI)
6. The result of Chromium (VI) and Chromium (III) are considered as “Not Detected” since the total chromium content determined is “Not Detected”.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Extractable Glyoxal

Test Method : With reference to DIN 54603:2008, analysis was performed by UV- Vis.

Test Item(s)	Limit	Unit	MDL	*001*
Extractable Glyoxal	1.5	mg/dm²	0.5	ND
Comment				**PASS**

Notes :

1. mg/dm² =milligram per square decimeter
2. MDL=Method Detection Limit
3. ND = Not Detected(less than MDL)

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Extractable Primary Aromatic Amine

Test Method : With reference to EN 647:1993 (hot water extraction) ,Analysis was performed by UV-Vis.

Test Item(s)	Limit	Unit	MDL	001
Extractable Primary Aromatic Amine	0.01	mg/kg	0.002	ND
Comment				**PASS**

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. MDL=Method Detection Limit
3. ND = Not Detected

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Azo Dyes content

Test Method : With reference to § 64 LFGB BVL B 82.02.2:2017, analysis was performed by GC-MS/HPLC-DAD.
Determination of 4-aminoazobenzene (CAS No.:60-09-3) with reference to § 64 LFGB BVL B 82.02.15:2017, analysis was performed by GC-MS/HPLC-DAD.

Test Item(s)	CAS NO.	Limit	Unit	MDL	*001*	
					AZO: A	*AZO: C*
4-Aminobiphenyl	92-67-1	★	mg/kg	5	ND	ND
Benzidine	92-87-5	★	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	★	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	★	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	★	mg/kg	5	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	★	mg/kg	5	ND	ND
4-chloroaniline	106-47-8	★	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	★	mg/kg	5	ND	ND

Test Item(s)	CAS NO.	Limit	Unit	MDL	001	
					AZO: A	AZO: C
4,4'-diaminodiphenylmethane	101-77-9	★	mg/kg	5	ND	ND
3,3'-dichlorobenzidine	91-94-1	★	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	★	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	★	mg/kg	5	ND	ND
3,3'-Dimethyl-4,4'-diaminodiphenylmethane / 4,4'-methylenedi-o-toluidine	838-88-0	★	mg/kg	5	ND	ND
p-cresidine	120-71-8	★	mg/kg	5	ND	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	★	mg/kg	5	ND	ND
4,4'-oxydianiline	101-80-4	★	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	★	mg/kg	5	ND	ND
o-toluidine	95-53-4	★	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	★	mg/kg	5	ND	ND
2,4,5-trimethylaniline	137-17-7	★	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	★	mg/kg	5	ND	ND

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Test Item(s)	CAS NO.	Limit	Unit	MDL	001	
					AZO: A	*AZO: C*
O-Anisidine	90-04-0	★	mg/kg	5	ND	ND
2,4-Xylidine	95-68-1	★	mg/kg	5	ND	ND
2,6-Xylidine	87-62-7	★	mg/kg	5	ND	ND
Comment					**PASS**	**PASS**

Notes :

1. mg/kg = milligram per kilogram
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)
4. Direct reduction (Method A) refers to the extraction and reduction according to ISO 14362-1:2017 clause 10.2 and relevant clauses. Colorant extraction (Method B) refers to the colourant extraction and subsequent reduction according to ISO 14362-1:2017 Clause 10.1 and relevant clauses.
5. 4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.
6. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
7. § 64 LFGB BVL B 82.02.2:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as “ND” (i.e. <5.0 mg/kg). Otherwise, § 64 LFGB BVL B 82.02.15: 2017will be employed to verify the presence of 4-AAB.

★= Prohibited

Sample photo:

CAN21-192752.001

[redacted]authenticate the photo on original report only

*** End of Report ***

ENDE LEBENSMITTELUNBEDENKLICHKEITSERKLÄRUNG DES LIEFERANTEN

Unsere Bestätigung setzt voraus, dass der Packstoff sachgemäß weiterverarbeitet wird. Die spezielle Eignung dieses Packstoffes kann nur vom sachkundigen Füllguterzeuger oder Abpacker beurteilt werden.

Diese Konformitätserklärung ersetzt zuvor ausgestellte Konformitätserklärungen und besitzt eine allgemeine Gültigkeit ab Ausstellungsdatum bzw. bis zur Änderung der Gesetzeslage.

Göttingen, den 19.10.2021

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