

Test Report

No.: CZXHL22000007901_1

Date: Jan 12, 2022

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WAKULLA MAT
155 WELDON PKWY STE 117
MARYLAND HEIGHTS MO 63043

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.CZXHL22000007901, DATE: Jan 11, 2022.

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : WAKULLA SPAGHETTI MAT

Style No. : SPAGHETTI MAT

SGS No. : CZHL2201000044OT

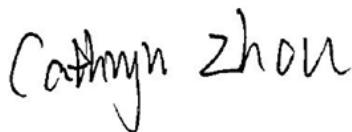
Sample Receiving Date : Jan 05, 2022

Testing Period : Jan 05, 2022 to Jan 11, 2022

Testing Performed : Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	Entry 52 of Regulation (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC) - Phthalate	Pass
2	Commission Regulation (EU) 2018/2005 amending Entry 51 of Annex XVII to Regulation (EC) No 1907/2006 - Phthalates	Pass
3	Polycyclic Aromatic Hydrocarbons (PAHs)	Pass

*** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ***



Cathryn Zhou

Approved Signatory

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1. Entry 52 of Regulation (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006**(previously restricted under Directive 2005/84/EC) - Phthalate**

Test Method: With reference to CPSC-CH-C1001-09.4(2018), analysis was performed by GC-MS.

Result Data:

Test Item(s)	CAS No.	Limit	Units	MDL	A1
Diisobutyl Phthalate (DINP)	28553-12-0 /68515-48-0	-	%	0.010	ND
Di-n-Octyl Phthalate(DNOP)	117-84-0	-	%	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	-	%	0.010	ND
Sum of (DINP,DNOP,DIDP)	-	0.1	%	-	ND
Conclusion					Pass

2. Commission Regulation (EU) 2018/2005 amending Entry 51 of Annex XVII to Regulation (EC) No 1907/2006 - Phthalates

Test Method: With reference to CPSC-CH-C1001-09.4(2018), analysis was performed by GC-MS.

Result Data:

Test Item(s)	CAS No.	Limit	Units	MDL	A1
Dibutyl Phthalate(DBP)	84-74-2	0.1	%	0.003	ND
Benzyl Butyl Phthalate(BBP)	85-68-7	0.1	%	0.003	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.1	%	0.003	ND
Diisobutyl Phthalate(DIBP)	84-69-5	0.1	%	0.003	ND
Sum of (DBP,BBP,DEHP,DIBP)	-	0.1	%	-	ND
Conclusion					Pass

3. Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Result Data:

Test Item(s)	CAS No.	Limit	Units	MDL	A1
Benzo(a)pyrene (BaP)	50-32-8	1	mg/kg	0.1	ND

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Test Item(s)	CAS No.	Limit	Units	MDL	A1
Benzo(e)pyrene (BeP)	192-97-2	1	mg/kg	0.1	ND
Benzo(a)anthracene (BaA)	56-55-3	1	mg/kg	0.1	ND
Benzo(b)fluoranthene (BbF)	205-99-2	1	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1	mg/kg	0.1	ND
Benzo(k)fluoranthene (BkF)	207-08-9	1	mg/kg	0.1	ND
Chrysene (CHR)	218-01-9	1	mg/kg	0.1	ND
Dibenzo(a,h)anthracene (DBA)	53-70-3	1	mg/kg	0.1	ND
Benzo(g,h,i)perylene (BPE)	191-24-2	1	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene (IPY)	193-39-5	1	mg/kg	0.1	ND
Phenanthrene (PHE)	85-01-8	-	mg/kg	0.1	ND
Pyrene (PYR)	129-00-0	-	mg/kg	0.1	ND
Anthracene (ANT)	120-12-7	-	mg/kg	0.1	ND
Fluoranthene (FLT)	206-44-0	-	mg/kg	0.1	ND
Sum of Phenanthrene(PHE), Pyrene(PYR), Anthracene(ANT), Fluoranthene(FLT)	-	50	mg/kg	-	ND
Naphthalene (NAP)	91-20-3	10	mg/kg	0.1	ND
Sum of 15 PAHs	-	50	mg/kg	-	ND
Material Category	-	-	-	-	3
Conclusion					Pass

Notes:

As per client information, the tested sample is not children product which is under the directive of ProdSG.

AfPS (German commission for Product Safety) : PAHs requirements

Parameter Unit: mg/kg	Category 1	Category 2	Category 3
	Materials intended to be placed in the mouth, or materials coming into long-term contact with	Materials not covered by category 1, coming into long-term contact (more than 30s) or short-	Materials covered neither by category 1 nor by category 2, coming into short-term contact (up to

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	skin (more than 30s) during the intended use -in toys according to Directive 2009/48/EC or -for the use by children ^{a,b} up to 3 years of age.	term repetitive contact ^c with skin during the intended or foreseeable use ^d .		30s) with skin during the intended or foreseeable use.	
		a. use by children	b. other consumer products	a. use by children	b. other consumer products
Benzo(a)pyrene (BaP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene (BeP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene (BaA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene (BbF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene (BjF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene (BkF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (CHR)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene (DBA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene (BPE)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene (IPY)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene (PHE), pyrene (PYR), anthracene (ANT),	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum

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fluoranthene (FLT)					
Naphthalene (NAP)	< 1	< 2		< 10	
Sum of 15 PAHs	<1	< 5	< 10	< 20	< 50

Note:

^a A "Child" is legally defined as a person before reaching the age of 14 years.^b Use by children includes both active and passive contact by children.^c Definition "short-term repetitive contact" taken from REACH Annex XVII entry 50 amendment (Regulation (EC) No. 1272/2013)^d According to the definition of the German Product Safety Act (ProdSG) (chapter 1 Article 2 No. 28) "foreseeable use" shall mean the use of a product in a manner that the person placing it on the market, has not intended, but which could be reasonably foreseeable.

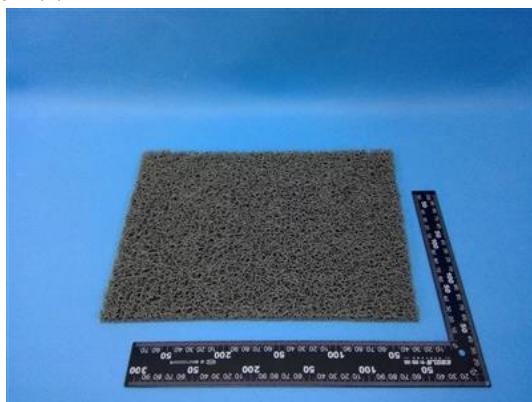
Remark: The German committee on Product Safety (AfPS) published a new PAHs document (AfPS GS 2019:01 PAK) on May 15, 2019, which will be binding for the issue of GS mark certificate from 1 July 2020. The previously valid document (AfPS GS 2014:01 PAK) can be used during the transitional period to determine the procedure for existing certificates and new certificates; also, there are exceptions.

Remark:

This report deleted country of destination.

Photo Appendix

Photo relative to received sample(s):



Received Sample

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Test Part Description:

SN ID.	Sample No.	Description
SN1	A1	Grey plastic(Mat)

Result/Rating/Record Key(s)

- I. Result/Rating Keys: P = Pass = Meet; F = Fail = Not Meet; N/A = Not applicable = Not suitable; NR = NC = Test not conduct/requested per client request; TT = Test terminated due to the earlier failure of last test.
- II. Record Keys: "C:" means Claimed parameter; "A:" means Actual recorded from test; "D:" means Data for reference only.

General Report Note(s)

- A. N.B. Only applicable clauses were shown.
- B. (1) 1mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL)
(4) “-” = Not Regulated
- C. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
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