

Maidamax (M) SDN. BHD.  
Lot 10-13, Jalan PKNK 1/2  
Mr. Samuel Saw  
Kawasan Perusahaan Sungai Petani  
MY-08000 Sungai Petani, Kedah  
**Malaysia**

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Connectivity & Products  
Non Food

Taunusstein, 30/07/2021

**Test-report no. 5390113**  
**Test-report version < 1 >**

Original Sample ID	Sample Description	Sample Receipt Date
210746877	Colored Natural Rubber Fish Teether, Batch No. 2021 / 06 / 895	21/06/2021

**General Information**

SGS-Client's ID	:	5436300
SGS-Customer-Order	:	5812940
Ordering date	:	15/06/2021
Testing period	:	23/06/2021 – 28/07/2021
Buyer	:	-
Order No.	:	1/21/06/2021
Testing scope	:	Test according to test suggestion

**Assessment**

<b>Overall assessment</b>	<b>Pass</b>
The contents of all parameters tested are below their respective limits.	

**SGS INSTITUT FRESENIUS GmbH**

*This test report was electronically created and released:*

	date	name		function	department
created	30.07.2021	i. A.	Sabrina Baldauf	Teamassistentin	C&P Non Food Spezielle Analytik
released	02.08.2021	i.A.	Dr. Simone Kirchert	Customer Service Consultant	Toys & Juvenile Products

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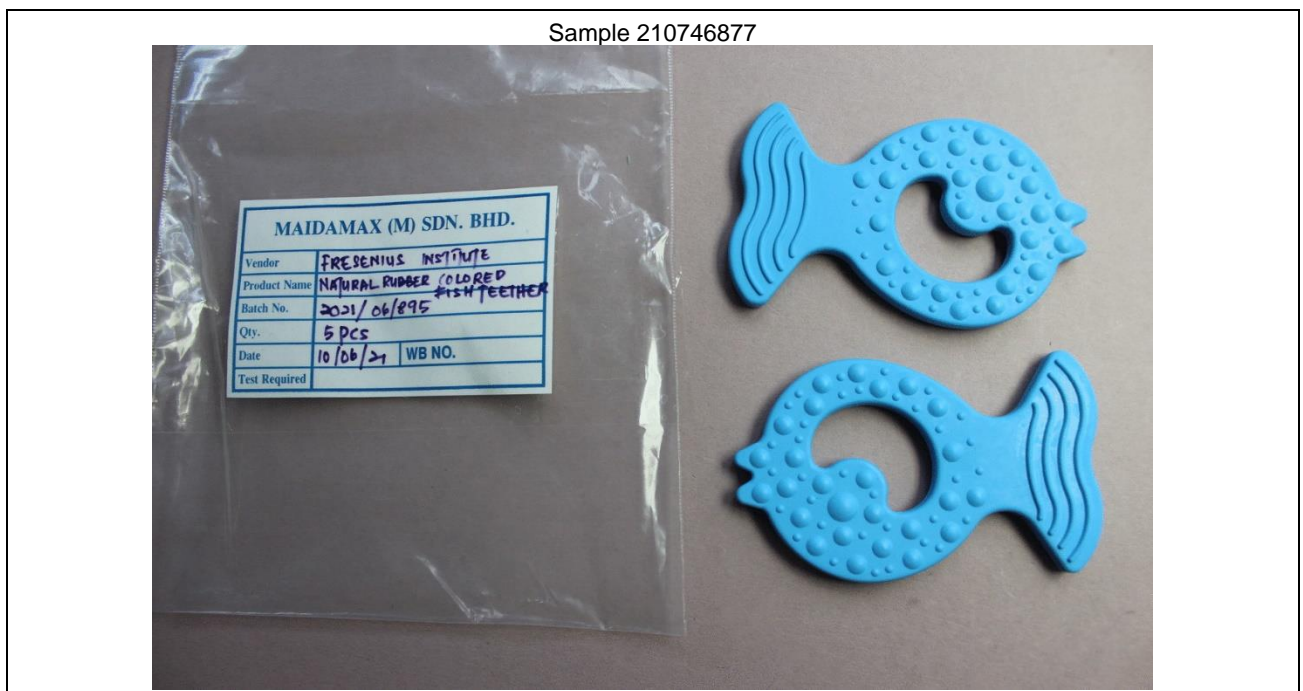
SGS Order No.: 5812940  
 Date: 30/07/2021  
 Page 2/5

**Summary of results**

Test	Result
Specific migration of monomers: acrylamide EN 71-9	Pass
Specific migration of plasticizers EN 71-9	Pass
Migratable solvents EN 71-9	Pass

**Note:** Conclusions on pass/fail are based on the test result from the actual sampling of the received sample(s). Conclusions are based on the relevant requirements; measurement uncertainties are not taken into account. Only results above the relevant detection limit are taken into account for the calculation of sums. Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result. The composite sampling method is based on the client's special request and could be a modification from the testing standard. For 2-composite mix with results exceeding one half of the relevant requirements or 3-composite mix with results exceeding one third of the relevant requirements, the composite sample may have the possibility of one or more components that can lead to a failure result, it is recommended to test on individual basis.

**Photo documentation**



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Kawasan Perusahaan Sungai Petani  
MY-08000 Sungai Petani, Kedah

SGS Order No.: 5812940

Date: 30/07/2021

Page 3/5

**Analytical results**

**Specific migration of monomers: acrylamide EN 71-9**

**Test Method**

DIN 38413-6 2007-02 (HPLC-MS/MS)

simulant                    water  
duration                    1 hour  
temperature                20 +/- 1°C  
approach                    EN 71-9

<u>Sample(s)</u>	<u>Unit</u>	<u>Result</u> <b>210746877</b>
acrylamide (79-06-1) conclusion acrylamide	µg/l	1st contact < 0.1 Pass

Note:

**Requirement:**      action limit (EN 71-9)

**Spezifische Migration von Weichmachern EN 71-9 / specific migration of plasticizers EN 71-9**

**Prüfmethode / Test Method**

DIN EN 71-11 2006-01, Kapitel 5.8 und Anhang A: Die Untersuchung der Weichmacher erfolgte im Migrat. / DIN EN 71-11 2006-01, Chapter 5.8 and Annex A: The test of plasticizers was carried out in the migrate

Simulanz / simulant                    Wasser / water  
Dauer / duration                        1 Stunde / 1 hour  
Temperatur / temperature            20 +/- 1°C  
Ansatz / approach                        10cm<sup>2</sup> / 100ml

<u>Probe(n) / Sample(s)</u>	<u>Einheit / Unit</u>	<u>Ergebnis / Result</u> <b>210746877</b>
		1. Kontakt / 1 <sup>st</sup> contact
Triphenylphosphat / triphenyl phosphate	mg/kg	< 0.005
Tri-o-kresylphosphat / Tri-o-cresyl phosphate	mg/kg	< 0.005
Tri-m-kresylphosphat / Tri-m-cresyl phosphate	mg/kg	< 0.005
Tri-p-kresylphosphat / Tri-p-cresyl phosphate	mg/kg	< 0.005
Beurteilung / Conclusion		Bestanden / Pass

Bemerkung / Note:

**Anforderung:**      Verfahrensgrenzwert  
**Requirement:**      Limit of the method

Bestimmungsgrenze: 0,005 mg/kg  
Limit of quantification: 0.005 mg/kg

**Test report no. 5390113**

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MY-08000 Sungai Petani, Kedah

SGS Order No.: 5812940

Date: 30/07/2021

Page 4/5

**Migrierbare Lösemittel nach EN 71-9 / Migratable solvents according to EN 71-9**

**Prüfmethode / Test Method**

Die Migration erfolgte nach EN 71-10 (1 h, 20 °C, 60 r/min, Wasser). Die Untersuchung der Lösemittel erfolgte im Migrat mittels GC-MS und interner Standardisierung. / The Migration was conducted in accordance EN 71.10 (1 h, 20 °C, 60 r/min, water). The Test of solvents conducted in the Migrate by GC-MS and internal standardization.

<u>Probe(n) / Sample(s)</u>	<u>Einheit / Unit</u>	<u>Ergebnis / Result</u> <b>210746877</b>
2-Methoxypropylacetat / 2-methoxy propyl acetate	mg/kg	< 0.02
2-Methoxyethylacetat / 2-Methoxyethyl Acetate	mg/kg	< 0.02
2-Ethoxyethylacetat / 2-ethoxyethyl acetate	mg/kg	< 0.02
Nitrobenzol / nitrobenzene	mg/kg	< 0.01
3,5,5-Trimethyl-2-cyclohexen-1-on (Isophoron) / 3,5,5-trimethyl-2-cyclohexen-1-one (isophorone)	mg/kg	< 0.1
Methanol / methanol	mg/kg	< 2.0
Dichlormethan / dichloromethane	mg/kg	< 0.01
Trichlorethen / trichloroethene	mg/kg	< 0.01
Toluol / toluene	mg/kg	< 0.10
Ethylbenzol / ethylbenzene	mg/kg	< 0.10
p-/m-Xylol / p / m-xylene	mg/kg	< 0.10
o-Xylol / o-xylene	mg/kg	< 0.10
Cyclohexanon / cyclohexanone	mg/kg	< 0.10
2-Ethoxyethanol / 2-ethoxy ethanol	mg/kg	< 0.02
Bis-(2-methoxyethyl)-ether / Bis-(2- methoxyethyle)-ether	mg/kg	< 0.02
Beurteilung / Conclusion		Bestanden / Pass

**Bemerkung / Note:**

**Anforderungen nach EN 71-9 / Requirements according to EN 71-9**

<u>Parameter / parameter</u>	<u>Einheit / Unit</u>	<u>Grenzwert / Limit</u>
2-Methoxypropylacetat / 2-methoxy propyl acetate	mg/kg	
2-Methoxyethylacetat / 2-Methoxyethyl Acetate	mg/kg	
2-Ethoxyethylacetat / 2-ethoxyethyl acetate	mg/kg	0.5
2-Ethoxyethanol / 2-ethoxy ethanol	mg/kg	
Bis-(2-methoxyethyl)-ether / Bis-(2- methoxyethyle)-ether	mg/kg	
Nitrobenzol / nitrobenzene	mg/kg	0.01
3,5,5-Trimethyl-2-cyclohexen-1-on (Isophoron) / 3,5,5-trimethyl-2-cyclohexen-1-one (isophorone)	mg/kg	3.0
Methanol / methanol	mg/kg	5.0
Dichlormethan / dichloromethane	mg/kg	0.06
Trichlorethen / trichloroethene	mg/kg	0.01
Toluol / toluene	mg/kg	2.0
Ethylbenzol / ethylbenzene	mg/kg	1.0
p-/m-Xylol / p / m-xylene	mg/kg	2.0
o-Xylol / o-xylene	mg/kg	2.0
Cyclohexanon / cyclohexanone	mg/kg	46.0

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SGS Order No.: 5812940  
Date: 30/07/2021  
Page 5/5

\*\*\* End of test report \*\*\*

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