

SGS INSTITUT FRESENIUS GmbH • Postfach 1261 • 65220 Taunusstein

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



Dr. Simone Kirchert
 Customer Service Consultant
 Tel.: +49 6128 744-151, Fax:
 Simone.Kirchert@sgs.com
 Consumer and Retail
 Non Food

Taunusstein, 05/11/2019

Test-report no. 4537828
Test-report version < 1 >

Original Sample ID	Sample Description	Sample Receipt Date
191147216	Pacifier Teat, Batch No. 2019/10/869	21/10/2019
191147217	Feeding Nipple, Batch No. 2019/10/862	21/10/2019



General Information

SGS-Client's ID	:	5436300
SGS-Customer-Order	:	5140676
Ordering date	:	18/10/2019
Testing period	:	22/10/2019 – 05/11/2019
Buyer	:	-
Order No.	:	-
Testing scope	:	Test according to client's requirements

Assessment

Overall assessment	Pass
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	05.11.2019	i.A. Alexandra Beck	Team Assistant	Consumer and Retail Non Food
released	05.11.2019	i.A. Dr. Simone Kirchert	Customer Service Consultant	Toys & Juvenile Products

Test report no. 4537828

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

SGS Order No.: 5140676
Date: 05/11/2019
Page 2/4

Summary of results

Test	Result
Migratable N-Nitrosamines and N-nitrosatable substances	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



Test report no. 4537828

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

SGS Order No.: 5140676
Date: 05/11/2019
Page 3/4

Analytical results

Migratable N-Nitrosamines and N-nitrosatable substances

Test Method

Nitrosamines DIN EN 12868 2017-04

<u>Sample(s)</u>	<u>Unit</u>	<u>Limit of Quantification</u>	<u>Migratable N-Nitrosamines</u>	<u>Migratable N-nitrosatable substances</u>
			191147216	191147216
N-Nitrosodimethylamine (NDMA)	mg/kg	0.001	n.d.	n.d.
N-Nitrosodiethylamine (NDEA)	mg/kg	0.001	n.d.	n.d.
N-Nitrosodipropylamine (NDPA)	mg/kg	0.001	n.d.	n.d.
N-Nitrosodibutylamine (NDBA)	mg/kg	0.001	n.d.	n.d.
N-Nitrosopiperidine (NPIP)	mg/kg	0.001	n.d.	n.d.
N-Nitrosopyrrolidine (NPYR)	mg/kg	0.001	n.d.	n.d.
N-Nitrosomorpholine (NMOR)	mg/kg	0.001	n.d.	n.d.
N-Nitrosodiisobutylamine (NDiBA)	mg/kg	0.001	n.d.	n.d.
N-Nitrosodibenzylamine (NDBzA)	mg/kg	0.005	n.d.	0.010
N-Nitroso-N,N-di(3,5,5-trimethylhexyl)amine (NDiNA)	mg/kg	0.005	n.d.	n.d.
N-Nitroso N-methyl N-phenylamine (NMPHA)	mg/kg	0.005	n.d.	n.d.
N-Nitroso N-ethyl N-phenylamine (NEPhA)	mg/kg	0.005	n.d.	n.d.
Total	mg/kg		-	0.010
Corrected value ^[1]	mg/kg		-	-
Quantity allowed, max. ^[2]	mg/kg		0.01	0.1
Conclusion			Pass	Pass

Note:

"n.d." = not detected
" < LOQ " = trace below the limit of quantification

For the summation of all Nitrosamines only those with a result above the limit of quantification will be taken into account.

^[1] Taking into account the results of a collaborative trial initiated by CEN, the standard DIN EN 12868 (9. Analytical tolerances) provides for an adjustment of the results of the analysis with regard to the sum of the migratable N-nitrosamines by 0.01 mg/kg and of the migratable N-nitrosatable substances by 0.1 mg/kg if the established value is above the required value of 0.01 mg/kg or 0.1 mg/kg, respectively (in accordance with a tolerance of 100 per cent at the required limit of 0.01 mg/kg or 0.1 mg/kg, respectively).

^[2] according to guideline 93/11/EG, Art. 2 (Abl. EG Nr. L 93 S. 37)

Test report no. 4537828

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

SGS Order No.: 5140676
Date: 05/11/2019
Page 4/4

Volatile Nitrosamines

Test Method

In accordance with FDA ASTM F1313-90

<u>Sample(s)</u>	<u>Unit</u>	<u>Limits of Quantification</u>	<u>Result</u>	<u>Requirement</u>
			191147217	
N-Nitrosodimethylamine (NDMA)	µg/kg	2	n. d.	≤ 10
N-Nitrosodiethylamine (NDEA)	µg/kg	2	n. d.	≤ 10
N-Nitrosodibutylamine (NDPA)	µg/kg	2	n. d.	≤ 10
N-Nitrosodibutylamin (NDBA)	µg/kg	2	5	≤ 10
N-Nitrosomorpholine (NMOR)	µg/kg	2	n. d.	≤ 10
N-Nitrosopyrrolidine (NPYR)	µg/kg	2	n. d.	≤ 10
N-Nitrosopiperidine (NPIP)	µg/kg	2	n. d.	≤ 10
N-Nitrosoethylphenylamine (NEPhA)	µg/kg	10	n. d.	≤ 10
N-Nitrosomethylphenylamine (NMPHA)	µg/kg	10	n. d.	≤ 10
Total			5	
Conclusion			Pass	

Note:

n. d. = not detectable
< LoQ = trace below the limit of quantification

FDA = Food and Drug Administration

For the summation of all Nitrosamines only those with a result above the limit of quantification will be taken into account.

The sample material has been examined in the condition as received. The results of analysis refer solely to the examined sample specimen.

*** End of test report ***

This document is issued by the Company subject to its General Conditions of Service (www.sgsgroup.de/agb). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. This document is an original. If the document is submitted digitally, it is to be treated as an original within the meaning of UCP 600. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.