

SGS INSTITUT FRESENIUS GmbH • Postfach 1261 • 65220 Taunusstein

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

Taunusstein, 16/09/2021



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Connectivity & Products
Non Food

Test-report no. 5455545
Test-report version < 1 >

Original Sample ID	Sample Description	Sample Receipt Date
210994398	LATEX PACIFIER TEAT Batch No. 2021 / 08 / 898	27/08/2021
210994399	LATEX PACIFIER Batch No. 2021 / 08 / 899	27/08/2021
210994400	LATEX PACIFIER Batch No. 2021 / 08 / 900	27/08/2021



General Information

SGS-Client's ID	:	5436300
SGS-Customer-Order	:	5891706
Ordering date	:	24/08/2021
Testing period	:	30/08/2021 – 13/09/2021
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.	

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This test report was electronically created and released:

	date	name	function	department
created	16.09.2021	i.A. Alexandra Eisfeld	Team Assistant	Connectivity & Products (C&P) - TJP
released	16.09.2021	i. A. Alena Knauz	Project Manager	Connectivity & Products (C&P)-TJP

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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).

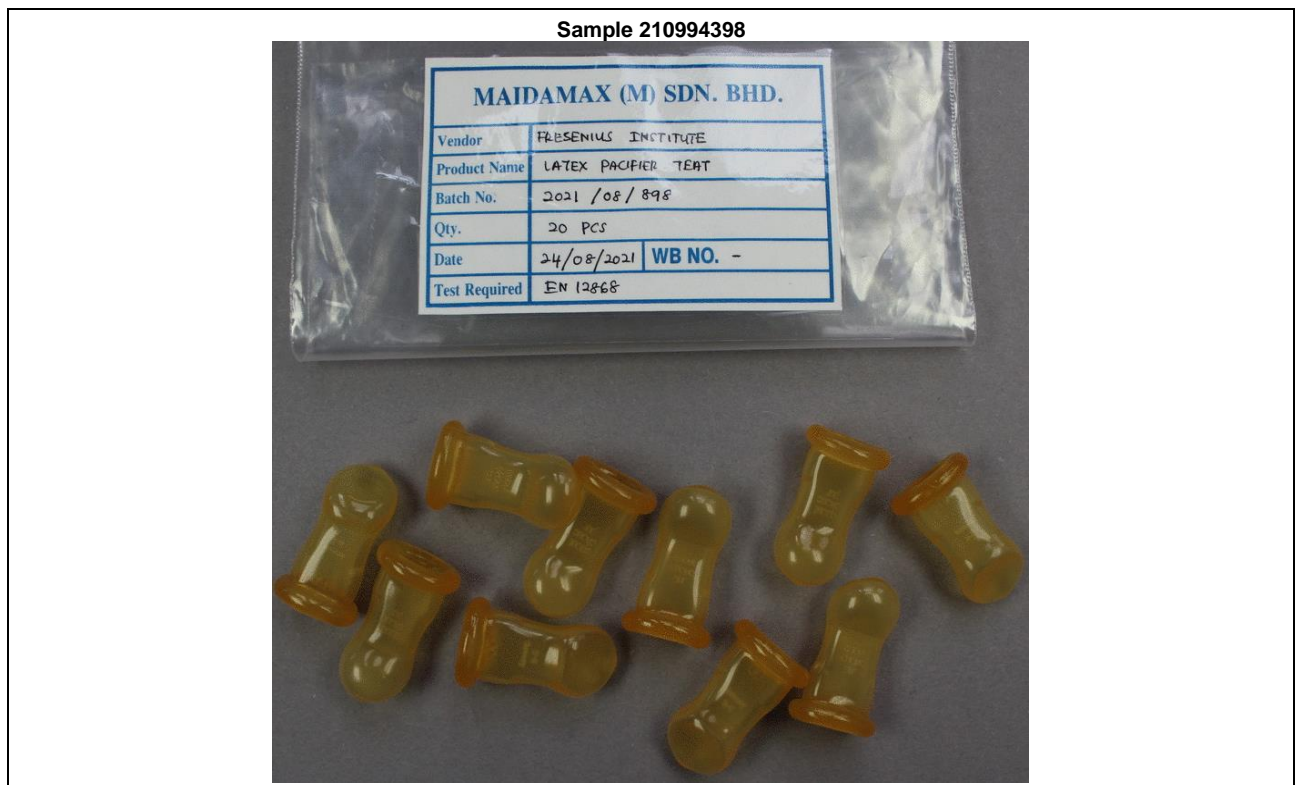
Conclusions are based on the relevant requirements; measurement uncertainties are not taken into account. Only results above the relevant detection limit are taken into account for the calculation of sums.

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



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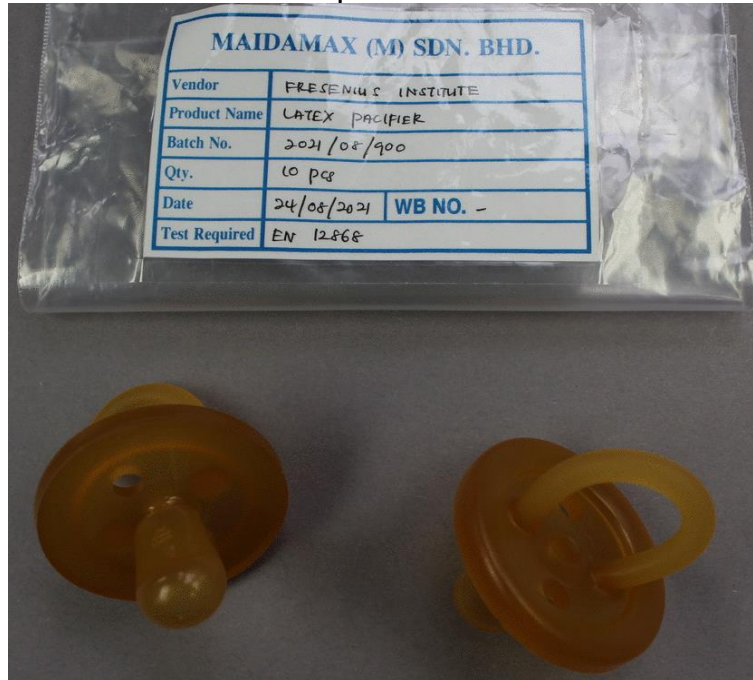
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Sample 210994399



Sample 210994400



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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>
			210994398	210994398
N-Nitrosodimethylamine (NDMA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodiethylamine (NDEA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodipropylamine (NDPA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodibutylamine (NDBA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosopiperidine (NPIP)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosopyrrolidine (NPYR)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosomorpholine (NMOR)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodiisobutylamine (NDiBA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodibenzylamine (NDBzA)	mg/kg	0.005	< 0.005	0.007
N-Nitroso-N,N-di(3,5,5-trimethylhexyl)amine (NDiNA)	mg/kg	0.005	< 0.005	< 0.005
N-Nitroso N-methyl N-phenylamine (NMPHA)	mg/kg	0.005	< 0.005	< 0.005
N-Nitroso N-ethyl N-phenylamine (NEPhA)	mg/kg	0.005	< 0.005	< 0.005
Total	mg/kg		< 0.01	0.007
Corrected value ^[1]	mg/kg		-	-
Quantity allowed, max. ^[2]	mg/kg		0.01	0.1
Conclusion			Pass	Pass

<u>Sample(s)</u>	<u>Unit</u>	<u>Limit of Quantification</u>	<u>Migratable N-Nitrosamines</u>	<u>Migratable N-nitrosatable substances</u>
			210994399	210994399
N-Nitrosodimethylamine (NDMA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodiethylamine (NDEA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodipropylamine (NDPA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodibutylamine (NDBA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosopiperidine (NPIP)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosopyrrolidine (NPYR)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosomorpholine (NMOR)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodiisobutylamine (NDiBA)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodibenzylamine (NDBzA)	mg/kg	0.005	< 0.005	< 0.005
N-Nitroso-N,N-di(3,5,5-trimethylhexyl)amine (NDiNA)	mg/kg	0.005	< 0.005	< 0.005
N-Nitroso N-methyl N-phenylamine (NMPHA)	mg/kg	0.005	< 0.005	< 0.005
N-Nitroso N-ethyl N-phenylamine (NEPhA)	mg/kg	0.005	< 0.005	< 0.005
Total	mg/kg		< 0.01	< 0.1
Corrected value ^[1]	mg/kg		-	-
Quantity allowed, max. ^[2]	mg/kg		0.01	0.1
Conclusion			Pass	Pass

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<u>Sample(s)</u>	<u>Unit</u>	<u>Limit of Quantification</u>	<u>Migratable N-Nitrosamines</u>		<u>Migratable N-nitrosatable substances</u>	
			<u>210994400</u>	<u>210994400</u>	<u>210994400</u>	<u>210994400</u>
N-Nitrosodimethylamine (NDMA)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodiethylamine (NDEA)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodipropylamine (NDPA)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodibutylamine (NDBA)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosopiperidine (NPIP)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosopyrrolidine (NPYR)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosomorpholine (NMOR)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodiisobutylamine (NDiBA)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodibenzylamine (NDBzA)	mg/kg	0.005	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitroso-N,N-di(3,5,5-trimethylhexyl)amine (NDiNA)	mg/kg	0.005	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitroso N-methyl N-phenylamine (NMPHA)	mg/kg	0.005	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitroso N-ethyl N-phenylamine (NEPhA)	mg/kg	0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total	mg/kg		< 0.01	< 0.1	< 0.01	< 0.1
Corrected value ^[1]	mg/kg		-	-	-	-
Quantity allowed, max. ^[2]	mg/kg		0.01	0.1	0.01	0.1
Conclusion			Pass	Pass	Pass	Pass

Note:

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) and DIN EN 12868 2017-04.

*** End of test report ***

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