

SGS INSTITUT FRESENIUS GmbH Im Maisel 14 D-65232 Taunusstein

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

Order No.: 3380422

Client: 5436300

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Consumer Testing Services
Non Food

Taunusstein, 01/JUN/2015

SGS INSTITUT FRESENIUS GmbH
Im Maisel 14
D-65232 Taunusstein

Your order : Testing for Nitrosamines according to FDA
Your reference : -
Order date : 12/MAY/2015
Sample No. : 150447681
Test period : 18/MAY/2015 – 29/MAY/2015

Test Report no.: 3380422-02
Volatile Nitrosamines according to FDA

Dear Mr. Saw,

Referring to your request we tested the sample received on May 15th, 2015 for volatile nitrosamines according to the method „ASTM F1313“.

Sample No.	Designation
150447681	Feeding nipple, Batch No. 2015/05/750


Detailed results are given on the following page(s).


Assessment:

The sample **meets** the requirements of the FDA for teats in the tested item.

Yours sincerely,

SGS INSTITUT FRESENIUS GmbH


i. V. Gabriele Götttschab
(Project Manager)


i. A. Alexandra Beck
(Team Assistant)

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Member of the SGS Group (Société Générale de Surveillance)

Die Prüfergebnisse beziehen sich auf die untersuchten Proben. Die Veröffentlichung und Vervielfältigung unserer Prüfberichte und Gutachten zu Werbezwecken sowie deren auszugsweise Verwendung in sonstigen Fällen bedürfen unserer schriftlichen Genehmigung. Alle Dienstleistungen werden auf Grundlage der anwendbaren Allgemeinen Geschäftsbedingungen der SGS, die auf Anfrage zur Verfügung gestellt werden, erbracht.

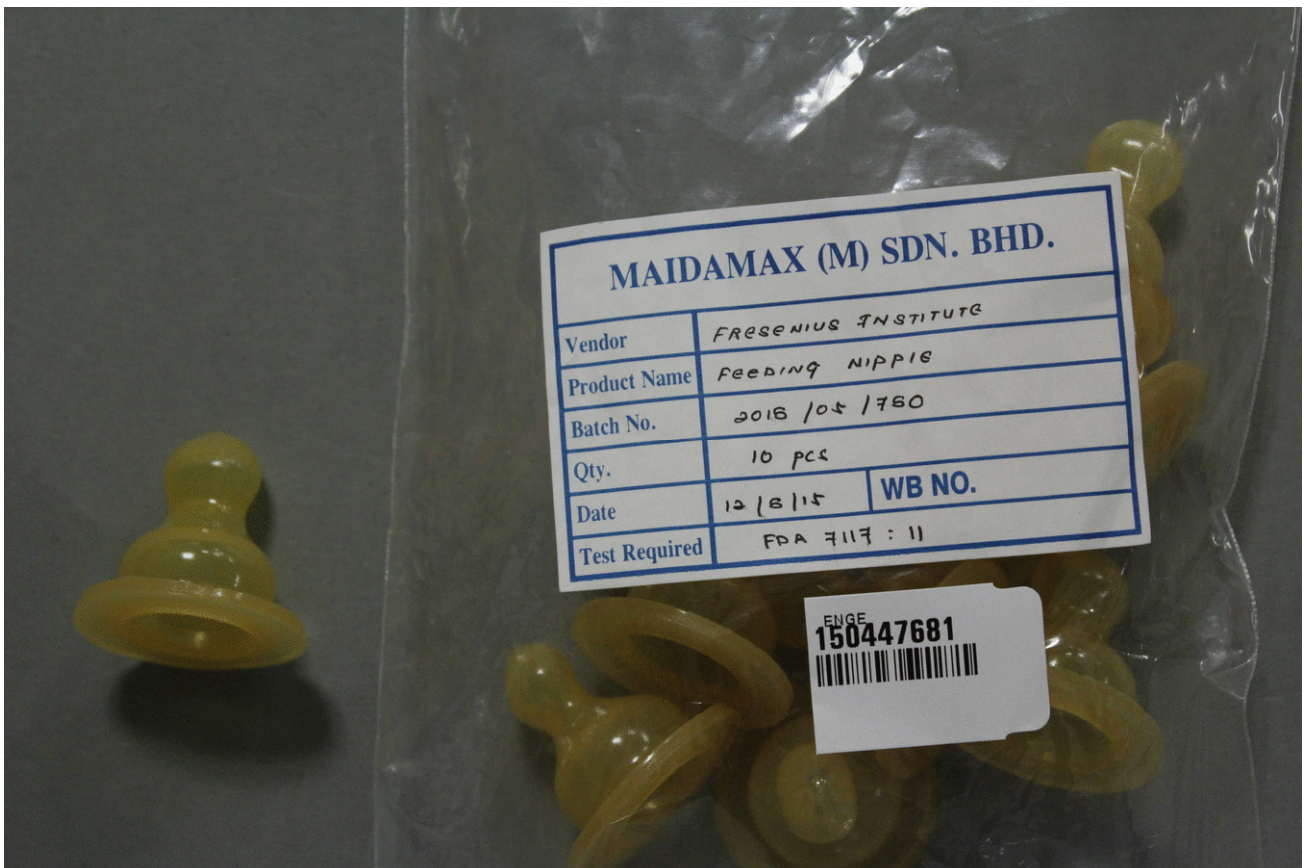
Geschäftsführer: Stefan Steinhardt, Aufsichtsratsvorsitzender: Dirk Hellemans, Sitz der Gesellschaft: Taunusstein, HRB 21543 Amtsgericht Wiesbaden

Order No. : 3380422
 Test report No. : 3380422-02
 Sample No. : 150447681
 Client : Maidamax (M) SDN. BHD., Sungai Petani, Kedah, Malaysia

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Photo documentation:



Order No. : 3380422
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Results of Analysis:

Principle: Initially the nipples are cut into pieces, soaked overnight in dichloromethane and are subsequently extracted by means of a soxhlet extractor. After extraction, a sodium hydroxide solution is added to the extract. The dichloromethane is distilled by atmospheric distillation and discarded. An aliquot of the distilled aqueous phase is repeatedly extracted with dichloromethane which is thereafter dried over sodium sulphate and concentrated by a Kuderna-Danish evaporator. The final determination of the nitrosamines is carried out by gaschromatography/chemiluminescence-detection (Thermal Energy Analyzer).

Your sample designation: Feeding nipple, Batch No. 2015/05/750

Compound	Abbrev.	Result [µg/kg]	Limit of Quantification [µg/kg]	Requirement [µg/kg]
N-Nitrosodimethylamine	NDMA	n. d.	2	≤ 10
N-Nitrosodiethylamine	NDEA	n. d.	2	≤ 10
N-Nitrosodipropylamine	NDPA	n. d.	2	≤ 10
N-Nitrosodibutylamine	NDBA	n. d.	2	≤ 10
N-Nitrosomorpholine	NMOR	n. d.	2	≤ 10
N-Nitrosopyrrolidine	NPYR	n. d.	2	≤ 10
N-Nitrosopiperidine	NPIP	n. d.	2	≤ 10
N-Nitrosomethylphenylamine	NMPhA	n. d.	10	≤ 10
N-Nitrosoethylphenylamine	NEPhA	n. d.	10	≤ 10


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

The sample material has been examined in the condition as received.

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

SGS INSTITUT FRESENIUS GmbH


 i. V. Gabriele Göttsch
 (Project Manager)


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 (Team Assistant)