

BALONEVI SAN.TIC.A.S
Istanbul Deri Org.San.Bolgesi
Mr. Mustafa Oguz Vanli
Kadife Caddesi R4 Ozel Parsel No:1
TR-34975 Tuzla Istanbul
Turkey

Kerstin Graf
Customer Service Consultant
Tel.: +49 6128 744-303, Fax:
kerstin.graf@sgs.com
Connectivity & Products
Non Food

Taunusstein, 24.04.2024

Test-report no. 6846551

Original Sample ID	Sample Description	Sample Receipt Date
240352711	12" BALLOON METALLIC LIGHT BLUE BBM05100-05, BBM05101-05, BBM06100-05, BBM10100-05, BBM10101-05, BBM12025-05, BBM12050-05, BBM12100-05, BBM12101-05	09/04/2024

General Information

SGS-Client's ID	: 10083506
SGS-Customer-Order	: 6965687
Ordering date	: 08/04/2024
Testing period	: 09/04/2024 – 22/04/2024
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	23.04.2024	i. A. Malika Michel	Customer Service Assistant	Connectivity & Products (C&P) - TJP
Released	24.04.2024	i.A. Sabrina Sattler	Customer Service Consultant	Connectivity & Products

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SGS Order No.: 6965687
Date: 24.04.2024
Page 2/3

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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Date: 24.04.2024
Page 3/3

Analytical results

Migratable N-Nitrosamines and N-nitrosatable substances

Test Method

Nitrosamines DIN EN 71-12:2017-03 LC-MS/MS

<u>Sample(s)</u>	<u>Unit</u>	<u>Limit of Quantification</u>	<u>Migratable N-Nitrosamines</u>	<u>Migratable N-nitrosatable substances</u>
			<u>240352711</u>	<u>240352711</u>
N-Nitrosodimethylamine (NDMA) (62-75-9)	mg/kg	0.005	0.013	0.335
N-Nitrosodiethylamine (NDEA) (55-18-5)	mg/kg	0.002	< 0.002	< 0.002
N-Nitrosodiisopropylamine (NDIPA) (601-77-4)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodipropylamine (NDPA) (621-64-7)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodiisobutylamine (NDiBA) (997-95-5)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosodibutylamine (NDBA) (924-16-3)	mg/kg	0.001	0.009	0.020
N-Nitrosopiperidine (NPIP) (100-75-4)	mg/kg	0.001	< 0.001	< 0.001
N-Nitrosopyrrolidine (NPYR) (930-55-2)	mg/kg	0.002	< 0.002	< 0.002
N-Nitrosomorpholine (NMOR) (59-89-2)	mg/kg	0.002	< 0.002	< 0.002
N-Nitroso N-ethyl N-phenylamine (NEPhA) (612-64-6)	mg/kg	0.002	< 0.002	< 0.002
N-Nitroso N-methyl N-phenylamine (NMPHA) (614-00-6)	mg/kg	0.002	< 0.002	0.003
N-Nitrosodiisononylamine (NDiNA) (1207995-62-7)	mg/kg	0.010	< 0.010	< 0.010
N-Nitrosodibenzylamine (NDBzA) (5336-53-8)	mg/kg	0.001	0.006	< 0.001
N-Nitrosodiethanolamine (NDELA) (1116-54-7)	mg/kg	0.005	< 0.005	< 0.005
Total	mg/kg		0.028	0.358
Quantity allowed, max. ^[1]	mg/kg		0.05	1.0
Conclusion total			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] according to DIN EN 71-12:2017-03

*** End of test report ***

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