Microbiological-chemical test results | Joonya Diapers 04.04.2024

JOONYA®

Tested Substances	Test Results	Why We Test
Polycyclic Aromatic Hydrocarbons (PAH's)	Undetectable and below the limit of quantification: <0.1 milligrams / kilogram	PAHs are distributed widely in the atmosphere via combustion processes. They are known for their poisonous effect and in some forms considered carcinogenic and related to respiratory health concerns and cancer.
Formaldehyde	Undetectable and below the limit of quantification: <5 milligrams / kilogram	Formaldehyde is widely used to make many types of plastics and adhesives, disinfectants, pressed wood products, nail polish and formaldehyde-releasing preservatives in personal care products. Formaldehyde produced in very small, non-harmful amounts by our bodies that are harmless to us. Industrially it is produced in large quantities and serves as source material many chemical reactions. People exposed to formaldehyde may experience short-term health effects such as skin irritation and respiratory symptoms. In high concentrations it's considered toxic and carcinogenic.
Fragrance allergans	Undetectable and below the limit of quantification: <1 milligram / kilogram	Fragrances are commonly used in disposable nappies to mask undesirable smells however a babies developing organs are highly sensitive to these harsh chemicals and allergens. Fragrances have the potential to cause inflammation, rash and respiratory issues. Manufacturers are not required to reveal the hidden chemicals used in fragrances as their specific aroma and formula are considered 'Trade Secrets'.
Phthalates	Undetectable and below the limit of quantification: <10 milligrams / kilogram for DINP and DIDP <1 milligram / kilogram for DEHP, DnOP, DMP, DEP, BBP, DBP,DiBP, DEHA, DnHP	Phthalates are plasticizers or substances added to plastics to increase their flexibility, transparency and durability.They are often added to lotions and shampoos and in some nappies phthalates may be used to create a waterproof outer liner. Phthalates are not tightly chemically bonded to the plastic and continuously released through leaching into liquids which absorb into the skin.
Polychlorinated biphenyls (PCB)	Undetectable and below the limit of quantification: <0.01 milligram / kilogram	PCBs are amongst a broader group of harmful persistent organic pollutants (POPs) that are toxic, persist in the environment and animals, bioaccumulate through the food chain and pose a risk of causing adverse effects to human health and the environment. They have been used as coolants and lubricants in hydraulic fluids, additives in paint, carbonless copy paper, plasticisers and dye carriers. Australia banned the importation of PCBs in 1975. Symptoms experienced by people exposed to large amounts are skin conditions and damage to the liver.
Mercury	Undetectable and below the limit of quantification: <0.02 µg/l	Mercury is a silvery-white shiny heavy metal which has been used worldwide for many centuries for commercial and medicinal purposes. Mercury occurs not only anthropogenically but also naturally. It has toxic properties and severely affects the environment and humans, especially developing fetuses and infants. There is no known safe level of exposure.Mercury is a global pollutant, bio-accumulating, mainly through the aquatic food chain, resulting in a serious health hazard for children.

Below the limit of quantification. Measurable and well below limits. Measurable and 50% below limits. Measurable and above the limits.

Microbiological-chemical test results | Joonya Diapers 04.04.2024

JOONYA®

Tested Substances	Test Results	Why We Test
Organochlorine & Organophosphorus Pesticides and Pyrethroids	Undetectable and below the limit of quantification: Not detected	Organochlorine insecticides are synthetic organic compounds which contain chlorine and are mainly used as contact and oral poisons which act on the nervous system. Because of their persistence in and impact on the environment, organochlorines are no longer used to treat pests in or around buildings. Most organochlorines were deregistered for use in Australia in 1996.
Lead, Cadmium & Arsenic	Undetectable and below the limit of quantification: <1 / µg/l	Lead and cadmium are considered persistent, bioaccumulative toxics (PBTs)— which means they last a very long time in our bodies and environment and they accumulate in living organisms, so that their concentrations in body tissues continue to increase (bioaccumulate). Lead is often found in PVC plastic and vintage plastic toys and toxic to brain development. Cadmium. Similar to lead is often found in PVC plastic and vintage plastic toys. It's linked to cancer and lung, kidney, and bone damage.
PFAS	Undetectable and below the limit of quantification: Not Detected	PFAS 'forever chemicals', short for per- and polyfluoroalkyl substances, are a large group of over 12,000 potentially harmful man-made chemicals widely used in various industries due to their water and stain-resistant properties. Commonly seen in non-stick pans, food packaging, waterproof fabrics and many other everyday items, including baby products. They accumulate inside the body and are close to impossible to get rid of. Some health potential health effects are lowered fertility, metabolic diseases and reduced immunity.

Below the limit of quantification. Measurable and well below limits. Measurable and 50% below limits. Measurable and above the limits.

TEST RESULTS EXPLAINED

We had the results deciphered by an independent Eurofins toxicologist and pleased to report that all substances tested do not exceed any health threshold and below the level of quantification.

- For chemical analysis, the result "0" does not exist. If the sign < comes before the test result, the substance is not quantifiable (undetected) in the sample tested.
- The limit of quantification is a method of analysis which determines the lowest concentration measurable by analytical instruments with satisfactory reliability.
- Example of formaldehyde <0.02 milligrams /square decimetre means that the quantification limit for this substance is <0.02 milligrams /square decimetre and means it has not been measured for formaldehyde
- The test code JJG0T Cold Water Extraction describes the sample preparation. 10 g was used for the tests and this 10 g sample had a surface of 2.7 dm^2 and we have put this 10 g sample in 250 ml water for the extraction.

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Eurofins CPT GmbH · Am Neuländer Gewerbepark 4 · D-21079 Hamburg

Joonya
attn. Mr. Richard Sexton

Person in charge Mr T. Wolter - 6881
Client support Mr T. Wolter - 6881

Report date 19.02.2024

Analytical report AR-23-JR-020535-03

This report replaces report number: AR-23-JR-020535-02

Sample Code 799-2023-00019928

Reference	Joonya Baby Nappies
Client sample code	N/A
Purchase order code	N/A
Lot-no.	1027493 EXP 20280822 2408231555
Number of received Samples	1
Ordered by	Mr. Richard Sexton
Submitted by	Mr. Richard Sexton
Carrier	DHL
Reception date	07.09.2023
Start/end of analyses	07.09.2023 / 16.02.2024

TEST RESULTS

Preparation

JR03Q Additional expenses for special preparation of a sample

Method: Internal Method, , Sample Preparation

Additional expenses for special preparation of a s	durchgeführt	

JJG0T Cold water extraction for wet chemistry analyses (#)

Method: DIN EN 645:1994-01, Extraction

Conducted	done	
Total surface	-	dm²
sample size	10.07	g
Volume	250	ml

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Analytical report AR-23-JR-020535-03
Sample Code 799-2023-00019928

This report replaces report number: AR-23-JR-020535-02

JR1AE Cold water extract from paper and board (#)
Method: DIN EN 645:1994-01, Extraction [Extraction]

sample size	10.07		g
Volume	250		ml
Total surface	-		dm²
Conducted	done		

Specific migration

JRAG2 Antimony (cold water extract) (#)
Method: Internal Method, PV 01184:2022-04, ICP-MS

Antimony (Sb)	<10	*	µg/l

JRAG3 Arsenic (cold water extract) (#)
Method: Internal Method, PV 01184:2022-04, ICP-MS

Arsenic (As)	<1	*	µg/l

JRAG4 Lead (cold water extract) (#)
Method: Internal Method, PV 01184:2022-04, ICP-MS

Lead (Pb)	<1	*	µg/l

JRAG5 Cadmium (cold water extract) (#)
Method: Internal Method, PV 01184:2022-04, ICP-MS

Cadmium (Cd)	<1	*	µg/l

JRAG7 Mercury (cold water extract) (#)
Method: Internal Method, PV 01184:2022-04, ICP-MS

mercury (cold water extraction)	<0.2	*	µg/l

Physical-chemical Analysis

JR0AI Formaldehyde (cold water extract) in paper, board, hygiene articles) (#)
Method: DIN EN 1541:2001-07 mod., Spectrophotometry

Formaldehyde	<5	*	mg/kg

JR0C6 Phthalates in Non-Food articles (#)
Method: Internal Method, PV 00694:2022-06, GC-MS

Phthalic acid, bis-2-ethylhexyl ester (DEHP)	<1	*	mg/kg
Phthalic acid, bis-butyl ester (DBP)	<1	*	mg/kg
Phthalic acid, benzylbutyl ester (BBP)	<1	*	mg/kg
Phthalic acid, bis-iso-nonyl ester (DINP)	<10	*	mg/kg
Phthalic acid, bis-iso-decyl ester (DIDP)	<10	*	mg/kg
Phthalic acid, bis-n-octyl ester (DnOP)	<1	*	mg/kg
Phthalic acid, bis-iso-butyl ester (DiBP)	<1	*	mg/kg

J6545 Polychlorinated biphenyls (PCB) (#)
Method: DIN EN ISO 15318:1999-12 mod.(no SPE;one analysis), GC-MS

PCB 101	<0.01	*	mg/kg
PCB 138	<0.01	*	mg/kg
PCB 153	<0.01	*	mg/kg
PCB 180	<0.01	*	mg/kg
PCB 28	<0.01	*	mg/kg
PCB 52	<0.01	*	mg/kg
PCB IUPAC - Nr. 18	<0.01	*	mg/kg

JR0EC Polycyclic Aromatic Hydrocarbons (PAHs) in products (#)
Method: Internal Method, PV 1364 2021-08, GC-MS

Naphthalene	<0.1	*	mg/kg
Phenanthrene	<0.1	*	mg/kg

Eurofins CPT GmbH · Am Neuländer Gewerbepark 4 · D-21079 Hamburg
Place of execution and place of jurisdiction is Hamburg Registered Office: Hamburg - lower district court Hamburg HRB 103427 Commercial Register: Amtsgericht Hamburg HRB 103427
General Manager: Dr. Peter Schluesche

VAT No.: DE258239846
Bank Name: UniCredit Bank AG
BLZ: 207 300 17, Kto.-Nr.: 7000 0016 50
IBAN: DE86 2073 0017 7000 0016 50
SWIFT: HYVEDEMME17

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Analytical report AR-23-JR-020535-03
Sample Code 799-2023-00019928

This report replaces report number: AR-23-JR-020535-02

Anthracene	<0.1	*	mg/kg
Fluoranthene	<0.1	*	mg/kg
Pyrene	<0.1	*	mg/kg
Benz(a)anthracene	<0.1	*	mg/kg
Chrysene	<0.1	*	mg/kg
Benzo(b)fluoranthene	<0.1	*	mg/kg
Benzo-(k)-fluoranthene	<0.1	*	mg/kg
Benzo-(j)-fluoranthen	<0.1	*	mg/kg
Benzo(a)pyrene	<0.1	*	mg/kg
Benzo(e)pyrene	<0.1	*	mg/kg
Indeno(1,2,3-cd)pyrene	<0.1	*	mg/kg
Dibenz(a,h)anthracene	<0.1	*	mg/kg
Benzo(g,h,i)perylene	<0.1	*	mg/kg
Sum 15 PAH	<0.2		mg/kg

JJ606 Fragrance allergens according to EU Regulation No. 1223/2009 (#)
Method: DIN EN 16274:2021-11 (mod.), GC-MS

Amyl cinnamal	<1	*	mg/kg
Amylcinnamylalcohol	<1	*	mg/kg
Benzylsalicylate	<1	*	mg/kg
Cinnamyl alcohol	<1	*	mg/kg
Citral	<1	*	mg/kg
Coumarin	<1	*	mg/kg
Eugenol	<1	*	mg/kg
Geraniol	<1	*	mg/kg
Hydroxycitronellal	<1	*	mg/kg
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	<1	*	mg/kg
Isoeugenol	<1	*	mg/kg
Anise Alcohol	<1	*	mg/kg
Benzylbenzoate	<1	*	mg/kg
Benzylcinnamate	<1	*	mg/kg
Citronellol	<1	*	mg/kg
Hexylcinnamal	<1	*	mg/kg
Butylphenyl Methylpropional	<1	*	mg/kg
Linalool	<1	*	mg/kg
Methyl 2-Octynoate	<1	*	mg/kg
Alpha-Isomethyl Ionone	<1	*	mg/kg
Limonene	<1	*	mg/kg
Cinnamon aldehyde	<1	*	mg/kg
Farnesol	<1	*	mg/kg
Benzyl alcohol	<1	*	mg/kg
Evernia Furfuracea extract (qualitative)	negativ		
Evernia Prunastri extract (qualitative)	negativ		

ZPHY1 Organochlorine Pesticides and Pyrethroids (GC-ECD)
Method: ASU L 00.00-34:2010-09, DFG-S19, GC-ECD
Subcontracted to a Eurofins laboratory

Screened pesticides	Not Detected		

GFP37 PFAS (22) |envi| material, products |
Method: Internal, GLS OC 400:2023-09-22, LC-MS/MS
Subcontracted to a Eurofins laboratory accredited for this test.

Perfluorooctane sulphonic acid (PFOS)	< 2.50	µg/kg	|
Perfluorooctanoic acid (PFOA)	< 2.50	µg/kg	|

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Analytical report AR-23-JR-020535-03
Sample Code 799-2023-00019928

This report replaces report number: AR-23-JR-020535-02

total PFOS / PFOA excl. LOQ	ND	µg/kg
total PFOS / PFOA incl. LOQ	5.00	µg/kg
Perfluorobutanesulfonic acid (PFBS)	< 3.75	µg/kg
Perfluorobutanoic acid (PFBA)	< 2.50	µg/kg
Perfluoropentane acid (PFPeA)	< 2.50	µg/kg
Perfluorononanoic acid (PFNA)	< 2.50	µg/kg
Perfluorohexanoic acid (PFHxA)	< 2.50	µg/kg
Perfluoroheptane sulphonate (PFHpS)	< 3.75	µg/kg
Perfluorheptanoic acid (PFHpA)	< 2.50	µg/kg
Perfluorooctane-sulfonamide (PFOSA)	< 2.50	µg/kg
Perfluorhexanesulfonic acid (PFHxS)	< 3.75	µg/kg
Perfluorodecanesulfonic acid (PFDS)	< 3.75	µg/kg
Perfluordecanoic acid (PFDA)	< 2.50	µg/kg
Perfluoroundecanoic acid (PFUnA)	< 2.50	µg/kg
Perfluorododecane acid (PFDoA)	< 2.50	µg/kg
Perfluorotridecanoic acid (PFTrDA)	< 2.50	µg/kg
Perfluorotetradecane acid (PFTA)	< 2.50	µg/kg
Perfluoro-3,7-dimethyloctane acid (PF-3,7-DMOA)	< 2.50	µg/kg
7H-Dodecafluoroheptanoic acid (HPFHpA)	< 5.00	µg/kg
6:2 Fluorotelomer sulfonic acid (6:2FTS) (H4PFOS)	< 3.75	µg/kg
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	< 5.00	µg/kg
8:2 Fluorotelomer sulfonic acid (8:2FTS)	< 5.00	µg/kg
total PFAS (22) excl. LOQ	ND	µg/kg
total PFAS (22) incl. LOQ	68.8	µg/kg

ZPHY2 Organophosphorus Pesticides (GC-FPD)

Method: ASU L 00.00-34:2010-09, DFG-S19, GC-FPD

Subcontracted to a Eurofins laboratory

Screened pesticides	Not Detected

ZPHY3 Pesticide Screening LC-GHT

Method: DIN EN 15662:2018-07 mod., P-14.141, LC-MS/MS

Subcontracted to a Eurofins laboratory

Screened pesticides	Not Detected

* = below indicated quantification level

(#) = Eurofins Consumer Product Testing (Hamburg) is accredited for this test.

Note:
A new report version was generated for the following reason(s):
- Additon of results for test code GFP39

Signature

Analytical Service Manager (Melanie Burkhardt)

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Place of execution and place of jurisdiction is Hamburg Registered Office: Hamburg - lower district court Hamburg HRB 103427 Commercial Register: Amtsgericht Hamburg HRB 103427
General Manager: Dr. Peter Schluesche

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SWIFT: HYVEDEMME17

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-PL-14435-01-00

Testing laboratory accredited by Deutsche Akkreditierungsstelle GmbH

DIN EN ISO/IEC 17025:2018

The accreditation is valid for the test methods listed in the certificate.

Microbiological-chemical test results | Joonya Pull-Ups 23.10.2023

JOONYA®

Tested Substances	Test Results	Why We Test
Polycyclic Aromatic Hydrocarbons (PAH's)	Undetectable and below the limit of quantification: <0.1 milligrams / kilogram	PAHs are distributed widely in the atmosphere via combustion processes. They are known for their poisonous effect and in some forms considered carcinogenic and related to respiratory health concerns and cancer.
Formaldehyde	Undetectable and below the limit of quantification: <5 milligrams / kilogram	Formaldehyde is widely used to make many types of plastics and adhesives, disinfectants, pressed wood products, nail polish and formaldehyde-releasing preservatives in personal care products. Formaldehyde produced in very small, non-harmful amounts by our bodies that are harmless to us. Industrially it is produced in large quantities and serves as source material many chemical reactions. People exposed to formaldehyde may experience short-term health effects such as skin irritation and respiratory symptoms. In high concentrations it's considered toxic and carcinogenic.
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Mercury	Undetectable and below the limit of quantification: <0.02 µg/l	Mercury is a silvery-white shiny heavy metal which has been used worldwide for many centuries for commercial and medicinal purposes. Mercury occurs not only anthropogenically but also naturally. It has toxic properties and severely affects the environment and humans, especially developing fetuses and infants. There is no known safe level of exposure.Mercury is a global pollutant, bio-accumulating, mainly through the aquatic food chain, resulting in a serious health hazard for children.

Below the limit of quantification. Measurable and well below limits. Measurable and 50% below limits. Measurable and above the limits.

Microbiological-chemical test results | Joonya Pull-Ups 23.10.2023

Tested Substances	Test Results	Why We Test
Organochlorine Pesticides and Pyrethroids	Undetectable and below the limit of quantification: Not detected	Organochlorine insecticides are synthetic organic compounds which contain chlorine and are mainly used as contact and oral poisons which act on the nervous system. Because of their persistence in and impact on the environment, organochlorines are no longer used to treat pests in or around buildings. Most organochlorines were deregistered for use in Australia in 1996.
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Below the limit of quantification. Measurable and well below limits. Measurable and 50% below limits. Measurable and above the limits.

TEST RESULTS EXPLAINED

We had the results deciphered by an independent Eurofins toxicologist and pleased to report that all substances tested do not exceed any health threshold and below the level of quantification.

- For chemical analysis, the result "0" does not exist. If the sign < comes before the test result, the substance is not quantifiable (undetected) in the sample tested.
- The limit of quantification is a method of analysis which determines the lowest concentration measurable by analytical instruments with satisfactory reliability.
- Example of formaldehyde <0.02 milligrams /square decimetre means that the quantification limit for this substance is <0.02 milligrams /square decimetre and means it has not been measured for formaldehyde
- The test code JJG0T Cold Water Extraction describes the sample preparation. 10 g was used for the tests and this 10 g sample had a surface of 2.7 dm^2 and we have put this 10 g sample in 250 ml water for the extraction.

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Joonya
attn. Mr. Richard Sexton

Person in charge Mr T. Wolter - 6881
Client support Mr T. Wolter - 6881

Report date 19.02.2024

Analytical report AR-23-JR-020750-03

This report replaces report number: AR-23-JR-020750-02

Sample Code 799-2023-00020666

Reference	Pull-Up Pants
Client sample code	N/A
Purchase order code	N/A
Lot-no.	1028427 EXP 20280905 0809230842
Number of received Samples	1
Ordered by	Mr. Richard Sexton
Submitted by	Mr. Richard Sexton
Carrier	DHL
Reception date	14.09.2023
Start/end of analyses	22.09.2023 / 16.02.2024

TEST RESULTS

Preparation

JR03Q Additional expenses for special preparation of a sample

Method: Internal Method, , Sample Preparation

Additional expenses for special preparation of a s	durchgeführt	

JJG0T Cold water extraction for wet chemistry analyses (#)

Method: DIN EN 645:1994-01, Extraction

Conducted	done	
Total surface	-	dm²
sample size	9.70	g
Volume	250.00	ml

eurofins | Consumer Product Testing

Analytical report AR-23-JR-020750-03
Sample Code 799-2023-00020666

This report replaces report number: AR-23-JR-020750-02

JR1AE	**Cold water extract from paper and board (#)**			
	Method: DIN EN 645:1994-01, Extraction [Extraction]			
sample size		9.70		g
Volume		250.00		ml
Total surface		-		dm²
Conducted		done		

Specific migration

JRAG2	**Antimony (cold water extract) (#)**			
	Method: Internal Method, PV 01184:2022-04, ICP-MS			
Antimony (Sb)		<10	*	µg/l
JRAG3	**Arsenic (cold water extract) (#)**			
	Method: Internal Method, PV 01184:2022-04, ICP-MS			
Arsenic (As)		<1	*	µg/l
JRAG4	**Lead (cold water extract) (#)**			
	Method: Internal Method, PV 01184:2022-04, ICP-MS			
Lead (Pb)		<1	*	µg/l
JRAG5	**Cadmium (cold water extract) (#)**			
	Method: Internal Method, PV 01184:2022-04, ICP-MS			
Cadmium (Cd)		<1	*	µg/l
JRAG7	**Mercury (cold water extract) (#)**			
	Method: Internal Method, PV 01184:2022-04, ICP-MS			
mercury (cold water extraction)		<0.2	*	µg/l

Physical-chemical Analysis

JR0AI	**Formaldehyde (cold water extract) in paper, board, hygiene articles) (#)**			
	Method: DIN EN 1541:2001-07 mod., Spectrophotometry			
Formaldehyde		<5	*	mg/kg
JR0C6	**Phthalates in Non-Food articles (#)**			
	Method: Internal Method, PV 00694:2022-06, GC-MS			
Phthalic acid, bis-2-ethylhexyl ester (DEHP)		<1	*	mg/kg
Phthalic acid, bis-butyl ester (DBP)		<1	*	mg/kg
Phthalic acid, benzylbutyl ester (BBP)		<1	*	mg/kg
Phthalic acid, bis-iso-nonyl ester (DINP)		<10	*	mg/kg
Phthalic acid, bis-iso-decyl ester (DIDP)		<10	*	mg/kg
Phthalic acid, bis-n-octyl ester (DnOP)		<1	*	mg/kg
Phthalic acid, bis-iso-butyl ester (DiBP)		<1	*	mg/kg
J6545	**Polychlorinated biphenyls (PCB) (#)**			
	Method: DIN EN ISO 15318:1999-12 mod.(no SPE;one analysis), GC-MS			
PCB 101		<0.01	*	mg/kg
PCB 138		<0.01	*	mg/kg
PCB 153		<0.01	*	mg/kg
PCB 180		<0.01	*	mg/kg
PCB 28		<0.01	*	mg/kg
PCB 52		<0.01	*	mg/kg
PCB IUPAC - Nr. 18		<0.01	*	mg/kg
JR0EC	**Polycyclic Aromatic Hydrocarbons (PAHs) in products (#)**			
	Method: Internal Method, PV 1364 2021-08, GC-MS			
Naphthalene		<0.1	*	mg/kg
Phenanthrene		<0.1	*	mg/kg

Eurofins CPT GmbH · Am Neuländer Gewerbepark 4 · D-21079 Hamburg
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Sample Code 799-2023-00020666

This report replaces report number: AR-23-JR-020750-02

Anthracene	<0.1	*	mg/kg
Fluoranthene	<0.1	*	mg/kg
Pyrene	<0.1	*	mg/kg
Benz(a)anthracene	<0.1	*	mg/kg
Chrysene	<0.1	*	mg/kg
Benzo(b)fluoranthene	<0.1	*	mg/kg
Benzo-(k)-fluoranthene	<0.1	*	mg/kg
Benzo-(j)-fluoranthen	<0.1	*	mg/kg
Benzo(a)pyrene	<0.1	*	mg/kg
Benzo(e)pyrene	<0.1	*	mg/kg
Indeno(1,2,3-cd)pyrene	<0.1	*	mg/kg
Dibenz(a,h)anthracene	<0.1	*	mg/kg
Benzo(g,h,i)perylene	<0.1	*	mg/kg
Sum 15 PAH	<0.2		mg/kg

JJ606 Fragrance allergens according to EU Regulation No. 1223/2009 (#)
Method: DIN EN 16274:2021-11 (mod.), GC-MS

Amyl cinnamal	<1	*	mg/kg
Amylcinnamylalcohol	<1	*	mg/kg
Benzylsalicylate	<1	*	mg/kg
Cinnamyl alcohol	<1	*	mg/kg
Citral	<1	*	mg/kg
Coumarin	<1	*	mg/kg
Eugenol	<1	*	mg/kg
Geraniol	<1	*	mg/kg
Hydroxycitronellal	<1	*	mg/kg
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	<1	*	mg/kg
Isoeugenol	<1	*	mg/kg
Anise Alcohol	<1	*	mg/kg
Benzylbenzoate	<1	*	mg/kg
Benzylcinnamate	<1	*	mg/kg
Citronellol	<1	*	mg/kg
Hexylcinnamal	<1	*	mg/kg
Butylphenyl Methylpropional	<1	*	mg/kg
Linalool	<1	*	mg/kg
Methyl 2-Octynoate	<1	*	mg/kg
Alpha-Isomethyl Ionone	<1	*	mg/kg
Limonene	<1	*	mg/kg
Cinnamon aldehyde	<1	*	mg/kg
Farnesol	<1	*	mg/kg
Benzyl alcohol	<1	*	mg/kg
Evernia Furfuracea extract (qualitative)	negativ		
Evernia Prunastri extract (qualitative)	negativ		

ZPHY1 Organochlorine Pesticides and Pyrethroids (GC-ECD)
Method: ASU L 00.00-34:2010-09, DFG-S19, GC-ECD
Subcontracted to a Eurofins laboratory

Screened pesticides	Not Detected		

GFP37 PFAS (22) |envi| material, products |
Method: Internal, GLS OC 400:2023-09-22, LC-MS/MS
Subcontracted to a Eurofins laboratory accredited for this test.

Perfluorooctane sulphonic acid (PFOS)	< 2.50	µg/kg	|
Perfluorooctanoic acid (PFOA)	< 2.50	µg/kg	|

Eurofins CPT GmbH · Am Neuländer Gewerbepark 4 · D-21079 Hamburg
Place of execution and place of jurisdiction is Hamburg Registered Office: Hamburg - lower district court Hamburg HRB 103427 Commercial Register: Amtsgericht Hamburg HRB 103427
General Manager: Dr. Peter Schluesche

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Analytical report AR-23-JR-020750-03
Sample Code 799-2023-00020666

This report replaces report number: AR-23-JR-020750-02

total PFOS / PFOA excl. LOQ	ND	µg/kg
total PFOS / PFOA incl. LOQ	5.00	µg/kg
Perfluorobutanesulfonic acid (PFBS)	< 3.75	µg/kg
Perfluorobutanoic acid (PFBA)	< 2.50	µg/kg
Perfluoropentane acid (PFPeA)	< 2.50	µg/kg
Perfluorononanoic acid (PFNA)	< 2.50	µg/kg
Perfluorohexanoic acid (PFHxA)	< 2.50	µg/kg
Perfluoroheptane sulphonate (PFHpS)	< 3.75	µg/kg
Perfluorheptanoic acid (PFHpA)	< 2.50	µg/kg
Perfluorooctane-sulfonamide (PFOSA)	< 2.50	µg/kg
Perfluorhexanesulfonic acid (PFHxS)	< 3.75	µg/kg
Perfluorodecanesulfonic acid (PFDS)	< 3.75	µg/kg
Perfluordecanoic acid (PFDA)	< 2.50	µg/kg
Perfluoroundecanoic acid (PFUnA)	< 2.50	µg/kg
Perfluorododecane acid (PFDoA)	< 2.50	µg/kg
Perfluorotridecanoic acid (PFTrDA)	< 2.50	µg/kg
Perfluorotetradecane acid (PFTA)	< 2.50	µg/kg
Perfluoro-3,7-dimethyloctane acid (PF-3,7-DMOA)	< 2.50	µg/kg
7H-Dodecafluoroheptanoic acid (HPFHpA)	< 5.00	µg/kg
6:2 Fluorotelomer sulfonic acid (6:2FTS) (H4PFOS)	< 3.75	µg/kg
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	< 5.00	µg/kg
8:2 Fluorotelomer sulfonic acid (8:2FTS)	< 5.00	µg/kg
total PFAS (22) excl. LOQ	ND	µg/kg
total PFAS (22) incl. LOQ	68.8	µg/kg

ZPHY2 Organophosphorus Pesticides (GC-FPD)

Method: ASU L 00.00-34:2010-09, DFG-S19, GC-FPD

Subcontracted to a Eurofins laboratory

Screened pesticides	Not Detected

ZPHY3 Pesticide Screening LC-GHT

Method: DIN EN 15662:2018-07 mod., P-14.141, LC-MS/MS

Subcontracted to a Eurofins laboratory

Screened pesticides	Not Detected

* = below indicated quantification level

(#) = Eurofins Consumer Product Testing (Hamburg) is accredited for this test.

Note:
A new report version was generated for the following reason(s):
- Additon of results for test code GFP39

Signature

Analytical Service Manager (Melanie Burkhardt)

Eurofins CPT GmbH · Am Neuländer Gewerbepark 4 · D-21079 Hamburg
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