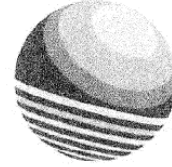




WATER WIGGLY 17121

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Porst & Partner GmbH • Königstraße 125 • 90762 Fürth
Umweltanalytik • Warenprüfung • Ingenieurleistung

Porst & Partner GmbH
Umweltanalytik • Warenprüfung
Ingenieurleistung

KÖNIGSTRASSE 125
90762 FÜRTH

TELEFON 0911/74075-0
TELEFAX 0911/74075-30

E-Mail: info@umweltanalytik.de
Web: www.umweltanalytik.de

Fürth, 22.10.2008

TEST REPORT No. 820624 E

Testing of toy for ordered parameters

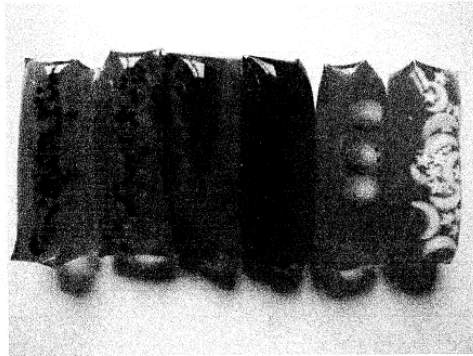
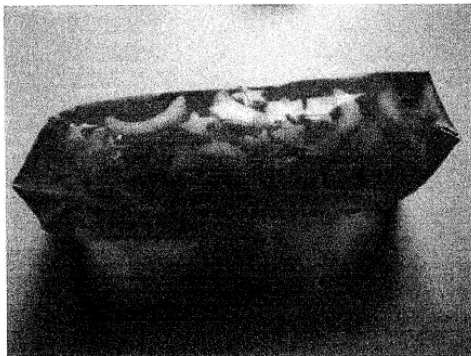
Arrival in lab: 09.10.2008; Period of analysis: 09.10. - 22.10.2008

Head of analytical department environmental analysis/ product testing: Kerstin Scharrer

General note: Copying this test report partially is permitted only in agreement with the contracted lab. The tests results refer only to the tested item. This report consists of 4 pages. Test methods marked with * are not listed in the amendment of our accreditation certificate. ** Suborder

Product description:

Water Wiggler



Test results see next pages

Nach DIN EN ISO/IEC 17025 durch die
DACH Deutsche Akkreditierungsstelle Chemie GmbH
akkreditiertes Prüflaboratorium
Die Akkreditierung gilt für die in der Urkunde
benannten Prüferarten und Prüfverfahren



Mitgliedsinstitut des



Dialog Textil Bekleidung



Untersuchungsstelle nach
§ 15 Abs. 4 Trinkwasserverordnung 2001
und § 18 Bundesbodenschutzgesetz

GESCHÄFTSFÜHRER: KAY GRÖNHARDT, DR. RAINER SEBALD AMTSGERICHT FÜRTH HRB 5756



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Product description:**Water Wiggler**

Summary	Results
DIN EN 71-9 (safety of toys) – Organic chemical compounds - requirements	pass

Test results

n.d. = not determinable

ms = mixed sample

Sample description:

Sample 1 (ms):	Liquids blue (fish, moon & stars, smilies, plastic pearls)
Sample 2 (ms):	Liquids green (plastic pearls) + magenta (plastic pearls) + purple (plastic pearls)

1. Organic chemical compounds in toys according to EN 71-9**1.1 Colourants according to EN 71-9 (Tab. 2B) in mg/kg**

Test method: EN71-10/11*

Limit of quantification: 10 mg/kg

Parameter	Sample 1	Sample 2
Disperse Blue 1	n.d.	n.d.
Disperse Blue 3	n.d.	n.d.
Disperse Blue 106	n.d.	n.d.
Disperse Blue 124	n.d.	n.d.
Disperse Yellow 3	n.d.	n.d.
Disperse Orange 3	n.d.	n.d.
Disperse Orange 37/ 76	n.d.	n.d.
Disperse Red 1	n.d.	n.d.
Solvent Yellow 1	n.d.	n.d.
Solvent Yellow 2	n.d.	n.d.
Solvent Yellow 3	n.d.	n.d.
Basic Red 9	n.d.	n.d.
Basic Violet 1	n.d.	n.d.
Basic Violet 3	n.d.	n.d.
Acid Red 26	n.d.	n.d.
Acid Violet 49	n.d.	n.d.



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Product description:**Water Wiggler***Organic chemical compounds in toys EN 71-9 continued***1.2 Primary aromatic amines according to EN 71-9 (Tab. 2C) in mg/kg**

Test method: EN71-10/11*

Limit of quantification: 5 mg/kg

	Sample 1	Sample 2
Benzidine	n.d.	n.d.
2-Naphthylamine	n.d.	n.d.
4-Chloroaniline	n.d.	n.d.
3,3'-Dichlorobenzidine	n.d.	n.d.
3,3'-Dimethoxybenzidine	n.d.	n.d.
3,3'-Dimethylbenzidine	n.d.	n.d.
o-Toluidine	n.d.	n.d.
2-Methoxyaniline (o-Anisidine)	n.d.	n.d.
Aniline	n.d.	n.d.

1.3 Preservatives (other than wood preservatives) according to EN 71-9 (Tab. 2H)

Test method: EN 71-10/11*

Limit of quantification: see table

	Action Limit	Limit	Sample 1	Sample 2
Phenol		AL	n.d.	n.d.
1,2-Benzylisothiazolin-3-one		AL	n.d.	n.d.
2-Methyl-4-isothiazolin-3-one		10 mg/kg	n.d.	n.d.
5-Chloro-2-methyl-4-isothiazolin-3-one		10 mg/kg	n.d.	n.d.
5-Chloro-2-methyl-4-isothiazolin-3-one + 2-Methyl-4-isothiazolin-3-one		15 mg/kg	n.d.	n.d.
Formaldehyde (free)		0,05 %	n.d.	n.d.

2. pH value according to EN71-9 clause 4.2.2

Test method: ISO 787-9*

	permitted range	Sample 1	Sample 2
pH value	3 - 10	4,9	7,2



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Product description:

Water Wiggler

Conclusion

The presented product "Water Wiggler" conforms to the requirements of the applied regulations regarding the tested parameters.

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A. Breunig
Prüfleitung

☒ A. Breunig, ☐ K. Gröbhardt, ☐ Dr. K. Laue-Schuler, ☐ Dr. L. Emmert, ☐ C. List
☐ D. Löw, ☐ K. Scharrer, ☐ M. Schmidt, ☐ Dr. R. Sebald, ☐ S. Waldenmayer