

Prüfbericht - Nr.: 13010471 001		Seite 1 von 7 Page 1 of 7	
<i>Test Report No.:</i>			
Auftraggeber: <i>Client:</i>	Biocera Co., Ltd. A-610 Bundang Techno Park, 150, Yatap-dong, Bundang-gu, Seongnam, Gyeonggi-do, R.O.K.		
Gegenstand der Prüfung: <i>Test Item:</i>	Ball		
Bezeichnung: <i>Identification:</i>	Biocera Ball		
Anlieferungszustand: <i>Delivery condition:</i>	Apparent good	Eingangsdatum: <i>Date of Receipt:</i>	28.06.2010
Prüfart: <i>Testing Location:</i>	Hong Kong		
Prüfgrundlage: <i>Test Specification:</i>	EN 71-1:2005+A9:2009 EN 71-2:2006+A1:2007 EN 71-3:1994+A1:2000+AC:2002		
Prüfergebnis: <i>Test Result:</i>	Nach Art und Umfang der durchgeführten Prüfungen entspricht der Prüfgegenstand oben genannter Prüfgrundlage. <i>According to the kind and extend of tests performed the test item passed the test specification.</i>		
geprüft/ tested by:	kontrolliert/ checked by:		
06.09.2010	Jung-Hee Yoo	13.09.2010	Bok-Hee Kim
<u>Datum</u> <i>Date</i>	<u>Name</u> <i>Name</i>	<u>Unterschrift</u> <i>Signature</i>	<u>Datum</u> <i>Date</i>
			<u>Name</u> <i>Name</i>
			<u>Unterschrift</u> <i>Signature</i>
Sonstiges/ Other Aspects:			
TÜV Reference No.: 133025062			
The item(s) was(were) tested for all age and tested as toy item by client request.			
Abkürzungen:	ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar	Abbreviations:	ok / P = passed fail / F = failed n.a. / N = not applicable
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			

EN 71 Part 1 Mechanical and physical properties

Clause	Requirements	Result	Verdict
4	General requirements		P
4.1	Material		P
4.2	Assembly		N
4.3	Flexible plastic sheeting		N
4.4	Toy bags		N
4.5	Glass		N
4.6	Expanding materials		N
4.7	Edges	No sharp edges	P
4.8	Points and wires	No sharp point	P
4.9	Protruding parts		P
4.10	Parts moving against each other		P
4.11	Mouth-actuated toys		N
4.12	Balloons		N
4.13	Cords of toy kites and other flying toys		N
4.14	Enclosures		N
4.15	Toys intended to bear the mass of a child		N
4.16	Heavy immobile toys		N
4.17	Projectiles		N
4.18	Acoustic toys		N
4.19	Percussion caps specifically designed for use in toys		N
4.20	Acoustics		N
4.21	Toys containing a heat source		N
4.22	Small balls		N

EN 71 Part 1 Mechanical and physical properties			
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Clause	Requirements	Result	Verdict
5	Toys intended for children under 36 months		P
5.1	General requirements		P
5.2	Filling materials		N
5.3	Plastic sheeting		N
5.4	Cords on toys		N
5.5	Liquid-filled toys		N
5.6	Speed limitation of electrically driven toys		N
5.7	Glass and porcelain		N
5.8	Shape and size of certain toys		P
5.9	Toys comprising monofilament fibers		N
5.10	Small balls		P
5.11	Play figures		N
5.12	Hemispheric-shaped toys		N
5.13	Suction cups		N
6	Packaging		N

No Polybag submitted.

EN 71 Part 1 Mechanical and physical properties

Clause	Requirements	Result	Verdict
7	Warnings and instructions for use		P
7.1	General - Name and address of the producer or the distributor - CE-Marking on the products or its packing - Age grade		P*
7.2	Toys not intended for children under 36 months		N
7.3	Latex balloons		N
7.4	Aquatic toys		N
7.5	Functional toys		N
7.6	Hazardous sharp functional sharp edges and points		N
7.7	Projectiles		N
7.8	Imitation protective masks and helmets		N
7.9	Toy kites		N
7.10	Roller skates, inline skates and toy skateboards		N
7.11	Toys intended to be strung across a cradle, cot, or perambulator		N
7.12	Liquid filled teethers		N
7.13	Percussion caps specially designed for use in toys		N
7.14	Acoustics		N
7.15	Toy bicycles		N
7.16	Toys intended to bear the mass of a child		P
7.17	Toys comprising monofilament fibres		N
7.18	Toy scooters		N
7.19	Rocking horses and similar toys		N
7.20	Magnetic/electrical experimental sets		N

* Although no final packaging has been submitted, the manufacturer/trader/applicant has confirmed that the above information marked (*) will be shown onto the toy itself and/or packaging of the toy.

EN 71 Part 2 Flammability

Clause	Requirements	Result	Verdict
4	Requirements		P
4.1	General		P
4.2	Beards, Mustaches, Wigs and Masks:		N
4.3	Disguise Costume:		N
4.4	Toys designed to be entered by a child:		N
4.5	Filled soft toys		N

EN 71 Part 3 Migration of certain parts

Clause	Requirements	Result	Verdict
8.1	Coatings of paints, varnishes, lacquers, printing ink and similar coatings		N
	Description	ID-number	—
	-	-	N
8.2	Non-textile polymeric and similar materials		P
	Description	ID-number	—
	Ball body	1	P
8.3	Paper and Paper Board		N
	Description	ID-number	—
	-	-	N
8.4	Textiles, whether natural or synthetic		N
	Description	ID-number	—
	-	-	N
8.5	Glass/ceramic/metallic materials		N
	Description	ID-number	—
	-	-	N
8.6	Other materials, whether mass coloured or not		N
	Description	ID-number	—
	-	-	N
8.7	Materials intended to leave a trace		N
	Description	ID-number	—
	-	-	N
8.8	Pliable modeling materials, including modeling clays, and gels		N
	Description	ID-number	—

EN 71 Part 3 Migration of certain parts

Clause	Requirements	Result	Verdict
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Toxic Elements Analysis		
Test Method: Test portion was extracted with acid according to EN 71 Part 3: 12.94+A1/09.00+AC/07.02 (QMA 36.035.07 HKG)		—
Test item / ID-Nr.	1	Maximum Permission Level
Soluble Antimony	n.d.	60 mg/kg
Soluble Arsenic	n.d.	25 mg/kg
Soluble Barium	n.d.	1000 mg/kg
Soluble Cadmium	n.d.	75 mg/kg
Soluble Chromium	n.d.	60 mg/kg
Soluble Lead	n.d.	90 mg/kg
Soluble Mercury	n.d.	60 mg/kg
Soluble Selenium	n.d.	500 mg/kg

Part 3 of EN 71 is only applicable for toys or parts of toys – under consideration of a foreseen and reasonable use – which based on their function, mass, height or other properties will be put into the child's mouth or if there is a foreseen possibility of sucking and swallowing toys or part of toys.

Abbreviation: 'n.d.' denotes 'Not Detected (<MDL: 2.5 mg/kg)
 mg/kg denotes milligram per kilogram
 MDL denotes Method Detection Limit

- The End of Test Report -