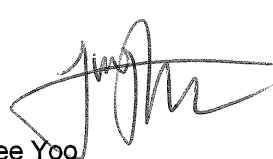
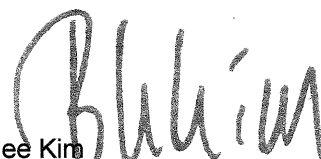


Prüfbericht - Nr.: 13010471 002		Seite 1 von 3 <i>Page 1 of 3</i>	
<i>Test Report No.:</i>			
Auftraggeber: <i>Client:</i>	Biocera Co., Ltd. A-610 Bundang Techno Park, 150, Yatap-dong, Bundang-gu, Seongnam, Gyeonggi-do, R.O.K.		
Gegenstand der Prüfung: <i>Test Item:</i>	Ball		
Bezeichnung: <i>Identification:</i>	Biocera Ball		
Anlieferungszustand: <i>Delivery condition:</i>	Einwandfrei <i>apparent good</i>	Eingangsdatum: <i>Date of Receipt:</i>	28.06.2010
Prüfört: <i>Testing Location:</i>	Hong Kong		
Prüfgrundlage: <i>Test Specification:</i>	BBP, DBP, DEHP content and DNOP, DINP, DIDP content requirements of REACH regulation (EC) No. 1907/2006 and amendment no 552/2009 Annex XVII Item 51 & 52 respectively (formerly known as 2005/84/EC)		
Prüfergebnis: <i>Test Result:</i>	refer to following page(s)		
geprüft/ tested by:		kontrolliert/ checked by:	
 06.09.2010 Jung-Hee Yoo		 13.09.2010 Bok-Hee Kim	
Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
Sonstiges/ Other Aspects:			
TÜV Reference No.: 133025062			
The item(s) was(were) tested as toy item by client request.			
Abkürzungen:	<i>ok / P = entspricht Prüfgrundlage</i>	Abbreviations:	<i>ok / P = passed</i>
	<i>fail / F = entspricht nicht Prüfgrundlage</i>		<i>fail / F = failed</i>
	<i>n.a. / N = nicht anwendbar</i>		<i>n.a. / N = not applicable</i>
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>			

Produkte
Products

Test Report No. 13010471 002

TUV Reference No. 133025062

Sample Identification Biocera Ball

Test Method: Organic solvent extraction, analyzed by GC/MS (QMA 36.035.13 HKG)

Material list

Test Item: Biocera Ball

Material No.	Material	Color	Location
3	Plastic	Light Yellow	Ball body

Sample photo



Test Report No. 13010471 002
TUV Reference No. 133025062
Sample Identification Biocera Ball

Test Result(s)

	Material	Material No. (10+12+3)
Test item	Unit	Result
Diethylhexylphthalate (DEHP)	%	n.d.
Dibutylphthalate (DBP)	%	n.d.
Benzylbutylphthalate (BBP)	%	n.d.
Sum of DEHP, DBP, BBP	%	n.d.
Di-n-octylphthalate (DNOP)	%	n.d.
Diisononylphthalate (DINP)	%	n.d.
Diisodecylphthalate (DIDP)	%	n.d.
Sum of DNOP, DINP, DIDP	%	n.d.

Abbreviation: n.d. denotes Not Detected (<MDL:0.005%)
MDL denotes Method Detection Limit
NA denotes Not Applicable
% denotes percentage

Remark:

- Single components with an amount of <0.005% were not considered by the calculation of the sum. In the case of all 6 Phthalates were not detected, the result is stated n.d.
- Requirements according to BBP, DBP and DEHP content requirements of REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 51 (formerly known as 2005/84/EC) and DNOP, DINP and DIDP content requirements of REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 52 (formerly known as 2005/84/EC) are summarized as below.

A. For toys and childcare articles:

Substances	Unit	Maximum Permissible Limit
Diethylhexylphthalate (DEHP)	%	-
Dibutylphthalate (DBP)	%	-
Benzylbutylphthalate (BBP)	%	-
Sum of DEHP, DBP, BBP	%	0.1

B. Additional requirements for toys and childcare article, which can be placed in mouth by the children:

Substances	Unit	Maximum Permissible Limit
Di-n-octylphthalate (DNOP)	%	-
Diisononylphthalate (DINP)	%	-
Diisodecylphthalate (DIDP)	%	-
Sum of DNOP, DINP, DIDP	%	0.1