

Teknos A/S  
Industrivej 19  
6580 Vamdrup  
Denmark

Att.: Else Toftegaard

Eurofins Product Testing  
Smedeskovvej 38  
DK-8464 Galten  
Denmark

Tel. +45 70 22 42 76  
Fax +45 70 22 42 75  
ProductTesting-GA  
@eurofins.dk  
www.eurofins.dk

Date  
October 31, 2016

Your ref.

-

Our ref.  
392-2016-00388403/TKI6

## Analytical report

### Sample material

Sample identification	1745-09 TS 10156 HIGHGLOSS BLACK
Receipt of samples	October 20, 2016
Analytical period	October 24 – October 27, 2016

### Applied methods

EN 71-3:2013+A1:2014

### Picture of sample



### Results

Please see enclosure with detailed results.

### Conclusion

The sample **complies** with the requirements in EN 71-3

Eurofins Product Testing A/S



Ditte F. Bonde  
MSc. Medicinal Chemistry

Eurofins Product Testing A/S



Brian Jensen  
MSc. Chemistry

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

Eurofins Product Testing A/S  
attn. Reports  
Smedeskovvej 38  
8464 Galten  
DÄNEMARK

ProductTesting-HH@eurofins.com  
www.product-testing.eurofins.com

**Person in charge** Mrs J. Wissel  
**Client support** Mrs L. Schneider

Report date 27.10.2016

Page 1/1

## Analytical report AR-16-JR-019378-01



**Sample Code** 799-2016-00089944

<b>Reference</b>	392-2016-003884031745-09 TS 16156 HIGHGLOSS BLACK
<b>Client sample code</b>	392-2016-00388403
<b>Purchase order code</b>	EUDKGA00002171
<b>Ordered by</b>	Eurofins Product Testing A/S
<b>Submitted by</b>	Eurofins Product Testing A/S
<b>Carrier</b>	TNT
<b>Reception date</b>	24.10.2016
<b>Start/end of analyses</b>	24.10.2016 / 27.10.2016

## TEST RESULTS

### Physical-chemical Analysis

JR0EP EN 71 Part 3: Migration of certain 19 elements (#)

Method: EN 71-3:2013+A1:2014, PV 01362, ICP-MS

Safety of toys - Migration of certain elements

Complies with the requirements

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

Signature



Analytical Service Manager (Jana Wissel)

Appendix 1 to report no: AR-16-JR-019378-01

Sample no: 799-2016-00089944

**JR0EP - EN 71-3:2013 + A1:2014 Safety of Toys - Migration of certain 19 elements**

Limits of element migration from accessible parts of toy material  
All figures quoted as mg soluble element per kg material

Element	B	Al	Cr(III) Cr(VI)	Mn	Co	Ni	Cu	Zn	As	Se	Sr	Cd	Sn	Organic tin	Ba	Hg	Pb	Sb
Limits Category I (dry, brittle, powder like, pliable) mg/kg	1200	5625	37,5 0,02	1200	10,5	75	622,5	3750	3,8	37,5	4500	1,3	15000	0,9	1500	7,5	13,5	45
Limits Category II (liquid, sticky) mg/kg	300	1406	9,4 0,005	300	2,6	18,8	156	938	0,9	9,4	1125	0,3	3750	0,2	375	1,9	3,4	11,3
Limits Category III (scraped-off) mg/kg	15000	70000	460 0,2	15000	130	930	7700	46000	47	460	56000	17	180000	12	18750	94	160	560
Description of sample	Results of analysis																	
A 392-2016-003884031745-09 TS 16156 HIGHGLOSS BLACK Cat I <input type="checkbox"/> Cat II <input type="checkbox"/> Cat III <input checked="" type="checkbox"/>	<0,05*	0,51	total Cr <0,02*	<0,05*	<0,05*	<0,25*	0,11	0,4	<0,05*	<0,5*	<0,25*	<0,05*	0,1	<12	<0,25*	<0,05*	<0,05*	<0,25*

\* Limit of quantification

Test results and evaluation relate to the tested items only.

Tested by: KBe

Date: 2016-10-27

Appendix 1 to report no: AR-16-JR-019378-01

Sample no: 799-2016-00089944

**Analytical details (EN 71-3 clause 10)**

10f Technique used: Inductively coupled plasma

10h Notes for individual sample portions -  
the following notes apply to the samples indicated and referenced above:

	Applicable samples:
Between 10 and 100mg taken:	
Sample/volume ratio exceeds 1:50:	
Base material included:	
Samples sieved:	
2M HCl added:	
6M HCl added:	
n-heptane used:	
Samples centrifuged:	
Specimens adjusted to 0.3M:	
Less than 10mg present:	
Others:	