Test Report

Customer:	**BVCPS Denmark** Birkemosevej 7 6000 Kolding Denmark	**Report No.:** **Report Version:** **Date of Reception:**	(25411)097-42738 1 28.03.2011
Contact Person:	Lone Juhl		
Customer Reference:	KS0106	**Report Date:** **Date of Order:** **Sampled By:**	07.04.2011 31.03.2011 client

Sample Information

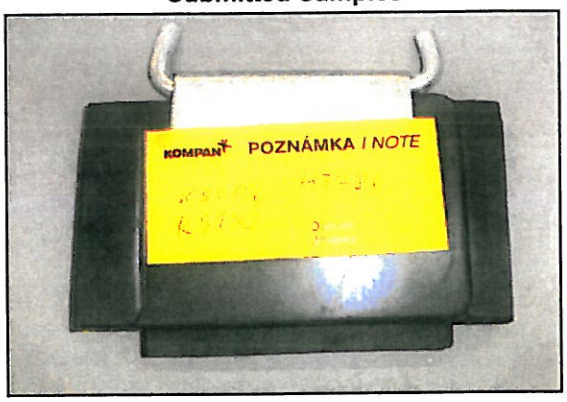
Requirements:	Tested according to "Customer" requirements		
Testing Information:	H778A		
Sample Description:	Hot dip Galvanizing of Steel articles		
Performance Date:	31.03.2011 - 07.04.2011	**No. of workdays:**	6

Overall Rating

The test results of the analyzed samples /
PASS /
the Customer requirements /

Submitted Samples

Nr. 1



Summary of test results

Tested according to "Customer" requirements

Tests required	Conclusion	Remark
Heavy metals	Pass	
Heavy metals acc. to EN 71-3	Pass	

Tested Samples

Article No:	Sample ID:	Sample description:	
	42738-01	1. Metal part	

Test Results

Tested according to "Customer" requirements

Sample description:	1. Metal part		Lab Reference No: 42738-01
Test Method / Standard:	Lead, cadmium, mercury in metal substrates (CPSIA): CPSC-CH-E 1001-08, reporting limit: 10 mg/kg		
Parameter	**Limit**	**Result**	**Rating**
Lead (Pb)	≤ 300 mg/kg	<10 mg/kg	Pass
Cadmium (Cd)	≤ 75 mg/kg	<10 mg/kg	Pass
Mercury (Hg)	≤ 100 mg/kg	<1 mg/kg	Pass
Test Method / Standard:	Safety of toys - Heavy metals, migration of certain elements: EN 71, Part 3, reporting limit: 1 mg/kg (Mercury 0.1 mg /kg)		
Parameter	**Limit**	**Result**	**Rating**
Antimony (Sb) corrected	≤ 60 mg/kg	<1 mg/kg	Pass
Arsenic (As) corrected	≤ 25 mg/kg	<1 mg/kg	Pass
Barium (Ba) corrected	≤ 1000 mg/kg	<1 mg/kg	Pass
Cadmium (Cd) corrected	≤ 75 mg/kg	<1 mg/kg	Pass
Chromium (Cr) corrected	≤ 60 mg/kg	<1 mg/kg	Pass
Lead (Pb) corrected	≤ 90 mg/kg	<1 mg/kg	Pass
Mercury (Hg) corrected	≤ 60 mg/kg	<0.1 mg/kg	Pass
Selenium (Se) corrected	≤ 500 mg/kg	<1 mg/kg	Pass

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The testing of mixed samples is carried at the customer's explicit request and may imply a deviation from the testing standard. Please note the following: results for mixed samples that are below the limit may exceed the limit if the samples contained in the mixed sample are tested individually. In these cases separated testing of the samples is recommended.

Performance Date: 31.03.2011 - 07.04.2011

Total Run Time: 6

S. Breuer

Julia Breuer, Laboratory Manager

No results printed beyond this point in the report

Detailed Method Descriptions

Analysis / Test:	Lead, cadmium, mercury in metal substrates (CPSIA)

CPSC-CH-E 1001-08 Standard operating Procedure for determining total lead in Children's Metal Products, digestion with Aqua Regia, ICP-MS measurement, reporting limit: 10 mg/kg
Reporting limit for cadmium: 10 mg/kg
Reporting limit for mercury: 1 mg/kg

Parameters & CAS No.

Lead, cadmium, mercury in metal substrates (CPSIA)	(CAS No.)
Lead (Pb)(7439-92-1) Mercury (Hg)(7439-97-6) Cadmium (Cd)(7440-43-9)	

Safety of toys - Heavy metals, migration of certain elements	(CAS No.)
Lead (Pb) corrected(7439-92-1) Mercury (Hg) corrected(7439-97-6) Antimony (Sb) corrected(7440-36-0) Arsenic (As) corrected(7440-38-2) Barium (Ba) corrected(7440-39-3) Cadmium (Cd) corrected(7440-43-9) Chromium (Cr) corrected(7440-47-3) Selenium (Se) corrected(7782-49-2)	