Test Report

Client : CSP INC
Address : PO BOX 1157 GLENDALE AZ. 85311

Report on the submitted sample said to be:

Sample Name	:	WII Shape Radio
Item No.	:	09-909
Buyer	:	Kids' Korner
Quantity of Sample	:	2 pcs
Country of Origin	:	China
Exported to	:	U.S.A
Client Specified Age Grading	:	Over 3 years
Labelled Age Grading	:	Not stated
Age Group Applied in Testing	:	Over 3 years
Sample Received Date	:	May.07, 2009
Resubmitted Sample Date	:	May.26, 2009
Further Information Date	:	May.14, 2009
Sample Tested Date	:	May.07, 2009 to Jun. 03, 2009

TEST REQUEST	**CONCLUSION**
1)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety	**PASS**
2)US Consumer Products Safety Improvement Act 2008 (CPSIA)	
- Lead in surface-coatings and similar materials of children's product	**PASS**[#01]
- Lead in substrate materials of children's product	**PASS**[#02]

Test Results: Please refer to next page(s)

Inspected by: _____ , Approved by: Victor wang , Approved date: 2009-06-04

Engineer Victor wang Lab Manager

1) ASTM F963 –08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

Clause	Description	Assessment
4.	Safety Requirements	
4.1	Material Quality (Visual Examination).....	Pass
4.2	Flammability Test.....	Pass (See Note 1)
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	Pass# (See Note 2)
4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
7.	Producers Markings	
7.1	Producers Markings……	Pass
8.	Test Method	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test ……	Pass
8.8	Torque Test.....	Pass
8.9	Tension Test.....	Pass

N/A = Not Applicable

: As per client request, only test specified materials.

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample	Burning Rate (inch/sec)	Limit (inch/sec)
WII Shape Radio	0.02	0.1

Note 2 :

ASTM F963-08 CLAUSE 4.3.5 - PAINT & SIMILAR SURFACE-COATING MATERIAL

Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Element	Result(mg/kg)	Limit
	Silver coating(body, radiogram)	(mg/kg)
Total Lead	< 5	600

Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

Acid Extraction Method was Used in accord with ASTM F963-08 (Clause 8.3) and Toxic Elements Content were Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Elements	Result (mg/kg)	Limit
	Silver coating(body, radiogram)(Sample weight:23.9mg)	(mg/kg)
Soluble Antimony (Sb)	<5	60
Soluble Arsenic (As)	<2.5	25
Soluble Barium (Ba)	<5	1000
Soluble Cadmium (Cd)	<5	75
Soluble Chromium (Cr)	<2.5	60
Soluble Lead (Pb)	<5	90
Soluble Mercury (Hg)	<2.5	60
Soluble Selenium (Se)	<5	500

Remark:

- < = Less than
- mg/kg = Milligram per kilogram based on dry weight of sample
- Results shown of soluble elements are of adjusted analytical results by subtracting analytical correction factor
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.

Note:

- Only applicable clauses were shown.

2) US CONSUMER PRODUCTS SAFETY IMPROVEMENT ACT 2008 (CPSIA)

▼ LEAD IN SURFACE-COATING AND SIMILAR MATERIALS OF CHILDREN'S PRODUCT

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA) and Title 16 Part 1303 Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A, Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Element	Result (ppm)	Limit[#1]
	Silver coating(body, radiogram)	(ppm)
Total Lead (Pb)	<5	600

Remark:

- < = Less than
- ppm= parts per million based on dry weight of sample
- [#1] = The total Lead limit for surface coatings and similar materials will be **90ppm** (Effective Date : August 14, 2009)
- [#01] : CTI conducted total lead on the components which were identified by the client, and the testing results can meet CPSIA requirement.

▼ **LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT**

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Element	Result (ppm)								Limit #2
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(ppm)
Total Lead (Pb)	<5	330	<5	<5	<5	<5	<5	<5	600

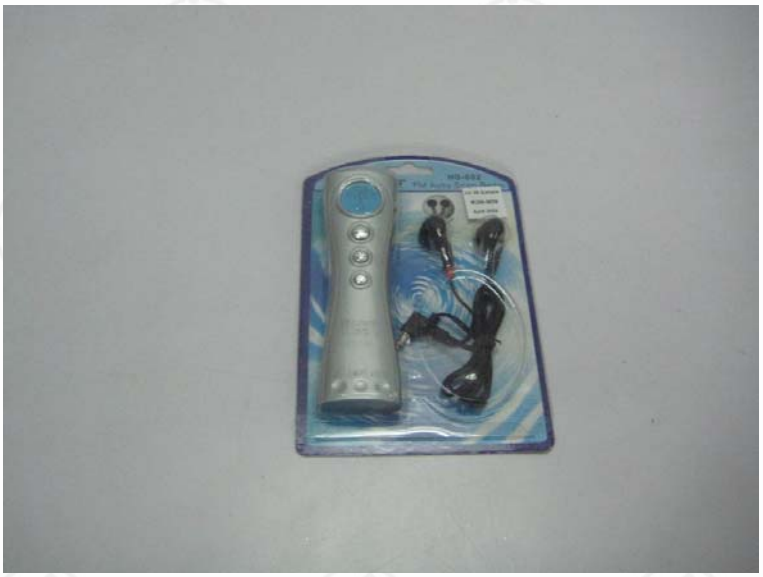
Tested Components:

(1) Black plastic(earphone)
(2) Black plastic(cable jacket)
(3) Silver electro-plated metal(spring, inner)
(4) Grey plastic(radiogram)
(5) Transparent glass(light)
(6) Silver electro-plated metal(Contact piece, inner)
(7) Transparent plastic(wafer)
(8) Silver metal(screw)

Remark:

- < = Less than
- ppm= parts per million based on dry weight of sample
- #2= The total Lead limit for substrate materials will be **300ppm** (Effective Date : August 14, 2009)
- #02 : CTI conducted total lead on the components which were identified by the client, and the testing results can meet CPSIA requirement.

Photo of the sample



*** End of report ***