

## Test Report

No. SH313907-1/CHEM

Date: 9.8.2004

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WISEPACTIVE PACKAGING COMPONENTS CO., LTD  
NO. 128 LUO JIN RD, SHANGHAI

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SH313907/CHEM DATE: 2003/12/05

The following sample(s) was/were submitted and identified on behalf of the applicant as:

Sample Description : ACTIVE CLAY MINERAL DESICCANT (MONTMORILLONITE DESICCANT)  
SGS Ref No. : SHEC0040908620-2

Sample Receiving Date : December 02, 2003  
Testing Period : December 02 to December 05, 2003

Test Requested : 1) To determine the Cadmium Content of the submitted sample.  
2) To determine the Lead content of the submitted sample.  
3) To determine Mercury Content of the submitted sample.  
4) To determine Hexavalent Chromium content of the submitted sample.  
5) As specified by client, for compliance with the European Standard on Safety of Toys, EN 71 Part 3:1994 + A1:2000 – Migration of Certain Elements.

Test method : 1) With reference to BS EN 1122:2001, Method B.  
Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.  
2) With reference to US EPA Method 3050B.  
Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.  
3) With reference to US EPA 3052.  
Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES).  
4) With reference to US EPA3060A and US EPA7196A  
5) With reference to EN 71 Part 3:1994 + A1:2000 – Migration of Certain Elements, Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES).

Test Results : Please refer to next page

Conclusion : 5) When tested as specified, the submitted samples comply with the stated requirements of the European Standard EN 71 Part3:1994 + A1:2000.

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory

Ella Zhang  
Supervisor



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## Test Results

## 1) BS EN 1122:2001, Method B - Heavy Metal Analysis : Cadmium Content

A

Cadmium (Cd) N.D.  
 (Result shown is of the total weight of sample)  
 N.D. = Non-detected (Detection limit <2.0 ppm)

## 2) US EPA 3050B - Heavy Metal Analysis : Lead Content

A

Lead (Pb) 32ppm  
 (Result shown is of the total weight of sample)

## 3) Mercury Content

A

Mercury (Hg) N.D.  
 (Result shown is of the total weight of sample)  
 N.D. = Non-detected (Detection limit <2.0 ppm)

## 4) Hexavalent Chromium Content

A

Hexavalent Chromium (Cr VI) N.D.  
 (Result shown is of the total weight of sample)  
 N.D. = Non-detected (Detection limit <2.0 ppm)

## 5) EN 71 Part3:1994 + A1:2000 - Migration of Certain Element

Element	A	Limit
Soluble Lead (Pb)	5	90 mg/kg
Soluble Antimony (Sb)	< 5	60 mg/kg
Soluble Arsenic (As)	< 2.8	25 mg/kg
Soluble Barium (Ba)	14	1000 mg/kg
Soluble Cadmium (Cd)	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	60 mg/kg
Soluble Mercury (Hg)	< 6.7	60 mg/kg
Soluble Selenium (Se)	< 10	500 mg/kg

Results shown are of the adjusted analytical results.

Results shown are of the total weight of sample

## Sample Description:

A. Brown solid

Note : ppm=mg/kg

\*\*\* End of Report \*\*\*

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