

Test Report

No. SH8018497/CHEM

Date: Feb. 26, 2008

Page 1 of 3

RED POD(CHINA) CO., LTD
LANE 365, ZHIZAO JU ROAD, NO.1 UNIT 10D

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

Sample Name : BIODEGRADABLE PRODUCTS
SGS Ref No. : 10855809-2
Model No : RP-P16
No of Sample(s) : 080120
Manufacture : RED POD(CHINA) CO., LTD
County of Origin : CHINA

Sample Receiving Date : Feb.20, 2008
Testing Period : Feb.20 – 25, 2008

Test Requested : (1) As specified for client, for compliance with the Food and Drug Administration Regulations for noncrystalline polypropylene, for use only to plasticize polyethylene product.
(2) To determine the total Lead and Cadmium content for compliance with US California Proposition 65.

Test Method : (1) As specified in FDA 21 CFR 177.1520
(2) Microwave digestion with reference to US EPA Method 3052: 1996, followed by analysis using Inductively Coupled Plasma-Atomic Emission Spectrometer (ICP-AES).

Conclusion : (1) The submitted Black plastic box sample said to be used for BIODEGRADABLE PRODUCTS does not comply with the FDA Specifications for noncrystalline polypropylene, for use only to plasticize polyethylene product.
(2) When tested as specified, the total Lead and Cadmium content of the submitted sample comply with the test requirement according to US California Proposition 65.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Ella Zhang
Section Manager

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Sandy Hao
Lab Manager



Test Report

No. SH8018497/CHEM

Date: Feb. 26, 2008

Page 2 of 3

Test Results :

(1) FDA 21 CFR 177.1520

	<u>Black plastic box</u>	<u>Limit</u>
1. Density at 23°C , g / cm ³	1.149#	0.800 – 0.880
2. Melting Point , °C	163*#,131*	115 – 138
3. Extractable fraction in n-hexane at reflux temperature , w/w %	2.5	6.4 max.
4. Soluble fraction in xylene at 25°C , w/w %	4.0	9.8 max.

Remark: * = Test was conducted by outside laboratory.

=Exceed the limit

(2) Total Lead and Cadmium content (Unit: %)

<u>Test Item(s):</u>	<u>Method (refer to)</u>	<u>1</u>	<u>MDL</u>	<u>Recommended Maximum Permissible Limit**</u>
Total Cadmium content	(2)	ND	0.0005	0.08
Total Lead content		ND	0.0005	0.02

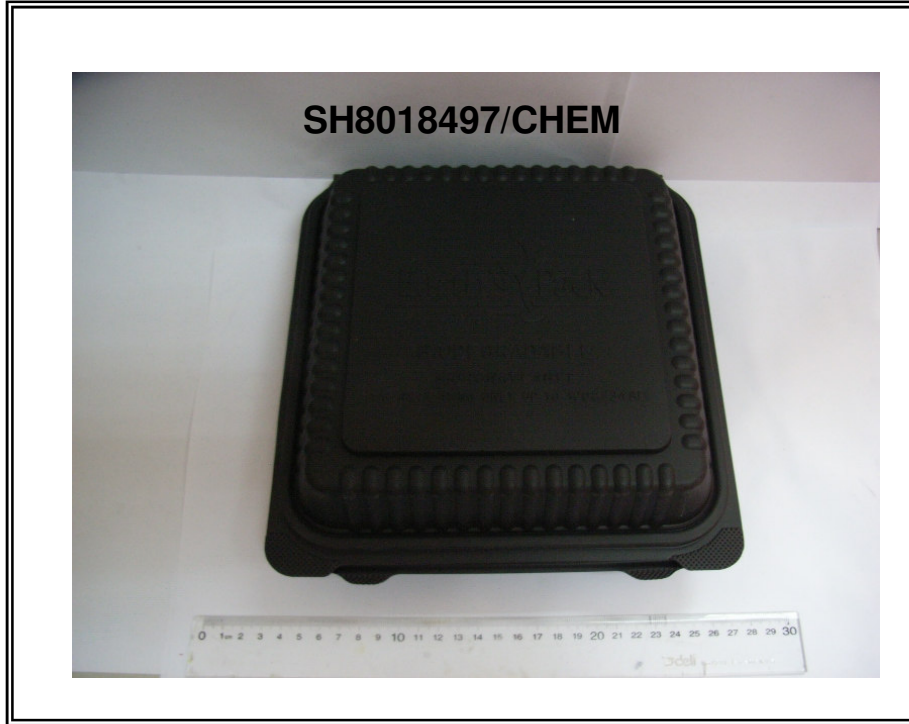
Test Part Description:

1.Black plastic box

Note:

- (1) 1mg/kg=1ppm=0.0001%
- (2) ND = Not detected
- (3) MDL = Method Detection Limit
- (4) **The maximum permissible limits are quoted from requirement as stated by Superior Court of the State of California – County of San Francisco Case No. CGC-05-440811.

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***