



September 17, 2012

Analytical Report for Service Request No: K1207194

Client Name: World Centric

Client Address: 2121 Staunton Ct, Palo Alto, CA 94306

**RE: Compliance with FDA regulations for Paper and Paperboard**

To whom it may concern:

Columbia Analytical Services has tested World Centric Post Industrial Recycled Paper for compliance with the Food and Drug Administration Regulations for determining the components of paper and paperboard in contact with aqueous and fatty foods as specified in FDA 21 CFR 176.170.

**TEST RESULT(S):**

Extractants and Conditions	Amount of Extractives (mg/inch <sup>2</sup> )	Limit (mg/inch <sup>2</sup> )
Boiling DI Water, cool to 100°F by net chloroform extraction	<0.1	0.5
8% Ethanol at 150°F for 2 hours, followed by net chloroform extraction	<0.1	0.5
n-Heptane at 70°F for 30 minutes	<0.1	0.5
50% Ethanol at 150°F for 2 hours, followed by net chloroform extraction	<0.1	0.5

Note: < = less than

**CONCLUSION:**

When tested as specified, the submitted sample complies with the limit of the components of paper and paperboard in contact with aqueous and fatty foods as stated in US FD 21 CFR 176.170.

Please call if you have any questions. My extension is 3291. You may also contact me via Email at EWallace@caslab.com.

Respectfully submitted,

**Columbia Analytical Services, Inc.**

Ed Wallace  
Project Chemist

EW/afs

**REVISED**  
11:49 am, Sep 17, 2012



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