

TEST REPORT**Requested by:**

Intertek Expert Services US
Attn. Mrs. Jillian Salansky
1060 Holland Drive, Suite G
FL 33487 Boca Raton
United States

Subject: Testing 21 CFR 176.170 condition E.

Dear Mrs. Jillian Salansky

Hereby I present to you the results of the laboratory investigation, that was carried out by your request (ref SO13258).

Hoping this information will meet your approval,

Yours sincerely,

Ruud Scheijvens
Expert D&I / Regulatory Services

Intertek Life Sciences



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TEST REPORT

Sample and analysis

Date samples received

18th of March 2015

Description of samples

Sample description.	LIMS ID
1. Sample 1 / one sided printed paper (see picture)	22142201



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TEST REPORT

Method(s) applied

Testing according to FDA 21 CFR § 176.170; Components of paper and paperboard in contact with aqueous and fatty foods.

Conditions of use: E. Room temperature filed and stored (no thermal treatment in the container):

- Water: 24 hours /120°F (48.9°C).
- Heptane: 30 min./70°F (21.1°C).

Limitation: (c) The food-contact surface of the paper and paperboard in the finished form in which it is to contact food, when extracted with the solvent or solvents characterizing the type of food, and under conditions of time and temperature characterizing the conditions of its intended use as determined from tables 1 and 2 of this paragraph, shall yield net chloroform-soluble extractives (corrected for wax, petrolatum, mineral oil and zinc extractives as zinc oleate) not to exceed 0.5 milligram per square inch of food-contact surface as determined by the methods described in paragraph (d) of this section.

Results

Tests performed from 19th of March 2015 until 7th of April 2015.

Sample: **Sample 1 / one sided printed paper**

Extraction in water						
Water	Rep 1 (mg/inch ²)	Rep 2 (mg/inch ²)	Rep 3 (mg/inch ²)	Rep 4 (mg/inch ²)	Mean (mg/inch ²)	Limit (mg/inch ²) (\$ 176.170)
24 hours /120°F	0.46	0.63	0.49	0.42	0.50	≤ 0.5
Chloroform extraction	Rep 1 (mg/inch ²)	Rep 2 (mg/inch ²)	Rep 3 (mg/inch ²)	Rep 4 (mg/inch ²)	Mean (mg/inch ²)	Limit (mg/inch ²) (\$ 176.170)
Warming up and filtration	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	≤ 0.5

Extraction in Heptane						
Heptane	Rep 1 (mg/inch ²)	Rep 2 (mg/inch ²)	Rep 3 (mg/inch ²)	Rep 4 (mg/inch ²)	Mean (mg/inch ²)	Limit (mg/inch ²) (\$ 176.170)
30 min./70°F	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	≤ 0.5

Conclusion.

The test results of sample **Sample 1 / one sided printed paper** were found **to be compliant** for the extraction test with water and heptane as described in USA FDA Code for Federal Regulations 21 CFR § 176.170 (Components of paper and paperboard in contact with aqueous and fatty foods), condition E.

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