

# PAT

## Photographic Activity Test (Per ISO 18916) Research Report

Customer: Ursula Diebold  
Company: Klug-Conservation  
Address: Badeweg 9  
87509 Immenstadt  
Germany

Date: 11/20/09  
Job: 1909

**Material:** Nr. 021xx Mikrowellpappe hellgrau/naturweiss - corrugated board e-flute light gray/natural white

### Silver Image Interaction

Density change of control: -1.10

Upper pass/fail limit: -0.88

Density change of material: -1.12

Lower pass/fail limit: -1.32

Density change caused by material must fall between upper and lower limits ( $\pm 20\%$  change in control)

Material pass/fail: Pass  
Reason: Within image interaction limits

\* Control material in Whatman No. 1 filter paper

Lindsey Rima  
*Operator*

Note: The PAT should always be used in conjunction with ISO 18902, *Imaging Materials - Processed Photographic Films, Plates, and Papers - Filing Enclosures and Storage Containers*, when selecting enclosures.

### Gelatin Staining

Density change of control: 0.10

Stain limit: 0.18

Density change of material: 0.11

Staining caused by material must be less than stain limit (control +0.08)

Result: Pass  
Reason: Less than stain limit

### Mottling of Image Interaction Detector

Visual assessment of uniform action

Result: Pass

**Overall Performance - Must pass all criteria: Pass**

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This certificate is void upon any change in product formulation, or change in manufacturer or manufacturer suppliers.