

# PAT

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

Customer: Werner Markiewicz  
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Date: 3/25/15  
Job: 2265

**Material:** Gudy 831

### Silver Image Interaction

Density change of control: -1.29  
Upper pass/fail limit: -1.03  
Density change of material: -1.13  
Lower pass/fail limit: -1.55

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

Andrea Venosa  
*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: 0.12  
Stain limit: 0.20  
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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