

# PAT

## Photographic Activity Test (Per ISO 14523) Research Report

Customer: Joe Scientist  
Company: Good Products  
Address: 100 Clever Fellow Way  
Wichita, KS 50505

Date: 6/28/04  
Job: 1900

**Material:** Archival Scrapbook

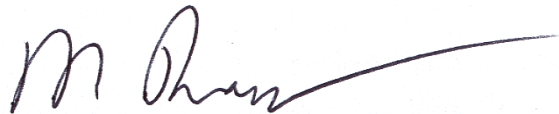
### Silver Image Interaction

Density change of control: -1.00  
Upper pass/fail limit: -0.80  
Density change of material: -1.53  
Lower pass/fail limit: -1.20

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

Material pass/fail: Fail  
Reason: Outside interaction limits

\* Control material in Whatman No. 1 filter paper



Signature

### Gelatin Staining

Density change of control: 0.10  
Stain limit: 0.18  
Density change of material: 0.25

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

Result: Fail  
Reason: Greater than stain limit

### Mottling of Image Interaction Detector

Visual assessment of uniform action

Result: Fail

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

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.