

PAT

Photographic Activity Test (Per ISO 18916) Research Report

Customer: Piotr Tyrna
Company: PHU Beskid Plus
Address: ul. Towarowa 3
43-400 Cieszyn
Poland

Date: 1-Jul-2014
Job: 2223

Material: Melinex 401

Silver Image Interaction

Density change of control:	-1.25
Upper pass/fail limit:	-1.00
Density change of material:	-1.26
Lower pass/fail limit:	-1.50

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:	0.11
Stain limit:	0.19
Density change of material:	0.12

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

This certificate is valid for this specific lot of product until any date,
or for any subsequent lot of this product produced until: **1-Jul-2015**
This certificate is void upon any change in product formulation,
or change in manufacturer or manufacturer suppliers.

Image Permanence Institute, Rochester Institute of Technology, 70 Lomb Memorial Drive, Rochester, NY 14623-5604 - Phone (585) 475-5199

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Photographic Activity Test (Per ISO 18916) Research Report

Customer: Piotr Tyrna
Company: PHU Beskid Plus
Address: ul. Towarowa 3
43-400 Cieszyn
Poland

Date: 9/11/14
Job: 2234

Material: Archival Paper Carta Guardia

Silver Image Interaction

Density change of control:	-1.15
Upper pass/fail limit:	-0.92
Density change of material:	-1.15
Lower pass/fail limit:	-1.38

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:	0.09
Stain limit:	0.17
Density change of material:	0.12

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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PAT PHOTOGRAPHIC ACTIVITY TEST ISO 18916 - RESEARCH REPORT

JOB: 2324

DATE: 7-Sep-2017

PREPARED FOR: P.H.U. Beskid Plus sp.j. - Piotr Tyrna
ul. Towarowa 3, 43-400 Cieszyn, Poland

MATERIAL: Unbuffered Cotton paper
CONTROL: Whatman No. 1 filter paper

SILVER IMAGE INTERACTION RESULT: PASS

Density change of control:	-0.93
Upper pass/fail limit:	-0.75
Density change of material:	-0.89
Lower pass/fail limit:	-1.12

Density change caused by material must be equal to density change caused by control $\pm 20\%$

GELATIN STAINING RESULT: PASS

Density change of control:	0.11
Stain limit:	0.19
Density change of material:	0.12

Staining caused by material must be less than the stain caused by control ± 0.08

MOTTLING OF IMAGE INTERACTION DETECTOR RESULT: PASS

Visual assesment of uniform action

OPERATOR: Andrea Venosa

PERFORMANCE:	PASS
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MUST PASS ALL CRITERIA TO PASS PAT

Note: When selecting enclosures, the PAT should be used in conjunction with ISO 18902

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IMAGE PERMANENCE INSTITUTE

Rochester Institute of Technology, 70 Lomb Memorial Drive, Rochester, NY 14623

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