

PHOTOGRAPHIC ACTIVITY TEST ISO 18916 - RESEARCH REPORT

Job 2751

DATE: 5-Aug-2025

PREPARED FOR: Margarita Brutjane - GroGlass
Katlakalna iela 4B, Riga, LV-1073, Latvia
MATERIAL: 2 mm glass - AR70
CONTROL: Whatman No. 1 filter paper

SILVER IMAGE INTERACTION

RESULT: PASS

Density change of control:	-1.04	Percentage
Upper pass/fail limit:	-0.83	-20%
Density change of material:	-0.97	-6%
Lower pass/fail limit:	-1.24	20%

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

GELATIN STAINING

RESULT: PASS

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

Stain caused by material must be less than stain caused by control ± 0.08

MOTTLING OF IMAGE INTERACTION DETECTOR

RESULT: PASS

Visual assessment of uniform action



OPERATOR: Jacek Olender

PAT PERFORMANCE:

PASS

MUST PASS ALL CRITERIA TO PASS PAT

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

This certificate is VOID upon any change in product formulation, manufacturer, or manufacturer supplier.

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DATE: 5-Aug-2025

PREPARED FOR: Margarita Brutjane - GroGlass
Katlakalna iela 4B, Riga, LV-1073, Latvia
MATERIAL: 2 mm glass - AR92
CONTROL: Whatman No. 1 filter paper

SILVER IMAGE INTERACTION **RESULT: PASS**

Density change of control:	-1.04	Percentage
Upper pass/fail limit:	-0.83	-20%
Density change of material:	-0.96	-8%
Lower pass/fail limit:	-1.24	20%

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

GELATIN STAINING **RESULT: PASS**

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

Stain caused by material must be less than stain caused by control ± 0.08

MOTTLING OF IMAGE INTERACTION DETECTOR **RESULT: PASS**

Visual assessment of uniform action



OPERATOR: Jacek Olender

PAT PERFORMANCE:	PASS
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DATE: 5-Aug-2025

PREPARED FOR: Margarita Brutjane - GroGlass
Katlakalna iela 4B, Riga, LV-1073, Latvia
MATERIAL: 2 mm glass - AR99WW
CONTROL: Whatman No. 1 filter paper

SILVER IMAGE INTERACTION

RESULT: PASS

Density change of control:	-1.04	Percentage
Upper pass/fail limit:	-0.83	-20%
Density change of material:	-0.98	-5%
Lower pass/fail limit:	-1.24	20%

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

GELATIN STAINING

RESULT: PASS

Density change of control:	0.10
Stain limit:	0.18
Density change of material:	0.09

Stain caused by material must be less than stain caused by control ± 0.08

MOTTILING OF IMAGE INTERACTION DETECTOR

RESULT: PASS

Visual assessment of uniform action



OPERATOR: Jacek Olender

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PREPARED FOR: Margarita Brutjane - GroGlass
Katlakalna iela 4B, Riga, LV-1073, Latvia
MATERIAL: 2 mm glass - UV99
CONTROL: Whatman No. 1 filter paper

SILVER IMAGE INTERACTION

RESULT: PASS

Density change of control:	-1.04	Percentage
Upper pass/fail limit:	-0.83	-20%
Density change of material:	-1.00	-4%
Lower pass/fail limit:	-1.24	20%

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

GELATIN STAINING

RESULT: PASS

Density change of control:	0.10
Stain limit:	0.18
Density change of material:	0.09

Stain caused by material must be less than stain caused by control ± 0.08

MOTTILING OF IMAGE INTERACTION DETECTOR

RESULT: PASS

Visual assessment of uniform action



OPERATOR: Jacek Olender

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DATE: 5-Aug-2025

PREPARED FOR: Margarita Brutjane - GroGlass
Katlakalna iela 4B, Riga, LV-1073, Latvia
MATERIAL: 4,4 mm Laminate
CONTROL: Whatman No. 1 filter paper

SILVER IMAGE INTERACTION

RESULT: PASS

Density change of control:	-1.04	Percentage
Upper pass/fail limit:	-0.83	-20%
Density change of material:	-0.95	-8%
Lower pass/fail limit:	-1.24	20%

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

GELATIN STAINING

RESULT: PASS

Density change of control:	0.10
Stain limit:	0.18
Density change of material:	0.11

Stain caused by material must be less than stain caused by control ± 0.08

MOTTLING OF IMAGE INTERACTION DETECTOR

RESULT: PASS

Visual assessment of uniform action



OPERATOR: Jacek Olender

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DATE: 5-Aug-2025

PREPARED FOR: Margarita Brutjane - GroGlass
Katlakalna iela 4B, Riga, LV-1073, Latvia

MATERIAL: 3 mm Acrylic

CONTROL: Whatman No. 1 filter paper

SILVER IMAGE INTERACTION

RESULT: PASS

Density change of control:	-1.04	Percentage
Upper pass/fail limit:	-0.83	-20%
Density change of material:	-1.02	-1%
Lower pass/fail limit:	-1.24	20%

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

GELATIN STAINING

RESULT: PASS

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

Stain caused by material must be less than stain caused by control ± 0.08

MOTTILING OF IMAGE INTERACTION DETECTOR

RESULT: PASS

Visual assessment of uniform action



OPERATOR: Jacek Olender

PAT PERFORMANCE:

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