

Surcoatec AG
Mühlegasse 18
CH-6340 Baar
Switzerland

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Polished Stainless Steel
 Sample/Style #: Quadrate 130 x 130 x 4 mm
 Product End Use: Anti adhesion, abrasion protection of machine components in food and pharmaceutical processing.

Sample Received Date: **11/28/2012**

Testing Period **12/5/2012 – 12/7/2012**

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
US FDA 21 CFR 175.300 – Determination of Amount of Extractives	PASS

Signed for and on behalf of SGS North America, Inc.



Sandip Ramolia
 Chemist, Chemistry Laboratory

Prepared By:



Veronica Marrero
 Report Writer, Chemistry Laboratory

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US FDA 21 CFR 175.300 – Determination of Amount of Extractives

Method : With reference to US FDA 21 CFR 175.300.

For repeated use :

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		1		
Distilled Water	250°F for 2 hours	ND	1.0	18
8% Alcohol	150°F for 2 hours	ND	1.0	18
n-Heptane	150°F for 2 hours	ND	1.0	18
Comment	--	PASS	--	--

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		2		
Distilled Water	250°F for 2 hours	ND	1.0	18
8% Alcohol	150°F for 2 hours	ND	1.0	18
n-Heptane	150°F for 2 hours	ND	1.0	18
Comment	--	PASS	--	--

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		3		
Distilled Water	250°F for 2 hours	ND	1.0	18
8% Alcohol	150°F for 2 hours	ND	1.0	18
n-Heptane	150°F for 2 hours	ND	1.0	18
Comment	--	PASS	--	--

Sample Description :

1. Polished Stainless Steel Style # DC-99-A
2. Polished Stainless Steel Style # DC-99-D
3. Polished Stainless Steel Style # STECH-A

- Note :
1. mg/inch² = milligram per square inch
 2. °F = degrees Fahrenheit
 3. ND = Not Detected

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For single use with capacity not exceed 1 gallon :

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		1		
Distilled Water	250°F for 2 hours	ND	0.1	0.5
8% Alcohol	150°F for 2 hours	ND	0.1	0.5
n-Heptane	150°F for 2 hours	ND	0.1	0.5
Comment	--	PASS	--	--

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		2		
Distilled Water	250°F for 2 hours	ND	0.1	0.5
8% Alcohol	150°F for 2 hours	ND	0.1	0.5
n-Heptane	150°F for 2 hours	ND	0.1	0.5
Comment	--	PASS	--	--

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		3		
Distilled Water	250°F for 2 hours	ND	0.1	0.5
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Comment	--	PASS	--	--

Sample Description :

1. Polished Stainless Steel Style # DC-99-A
2. Polished Stainless Steel Style # DC-99-D
3. Polished Stainless Steel Style # STECH-A

Note : 1. mg/inch² = milligram per square inch
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For single use with capacity exceed 1 gallon :

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		1		
Distilled Water	250°F for 2 hours	ND	0.5	1.8
8% Alcohol	150°F for 2 hours	ND	0.5	1.8
n-Heptane	150°F for 2 hours	ND	0.5	1.8
Comment	--	PASS	--	--

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		2		
Distilled Water	250°F for 2 hours	ND	0.5	1.8
8% Alcohol	150°F for 2 hours	ND	0.5	1.8
n-Heptane	150°F for 2 hours	ND	0.5	1.8
Comment	--	PASS	--	--

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		3		
Distilled Water	250°F for 2 hours	ND	0.5	1.8
8% Alcohol	150°F for 2 hours	ND	0.5	1.8
n-Heptane	150°F for 2 hours	ND	0.5	1.8
Comment	--	PASS	--	--

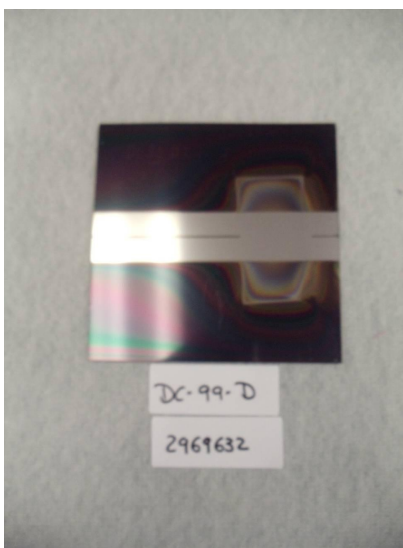
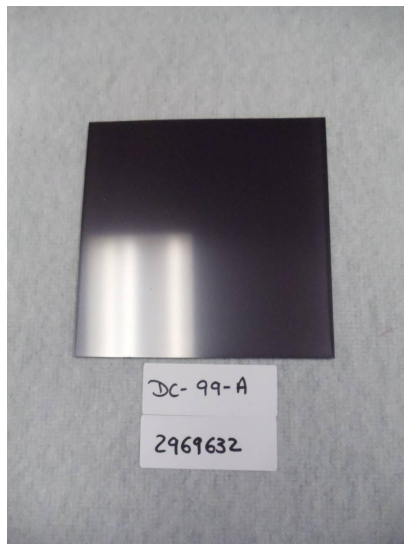
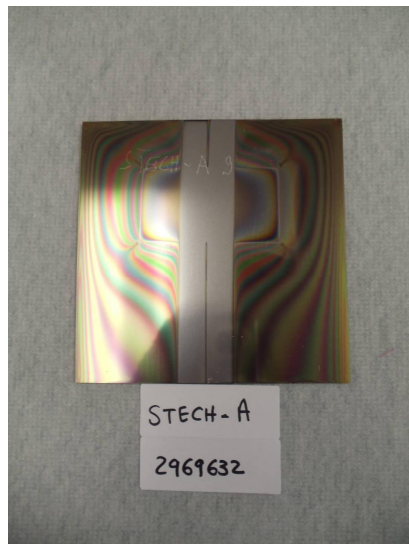
Sample Description :

1. Polished Stainless Steel Style # DC-99-A
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Sample Photo:



SGS authenticates the photo on the original report only

*** End of Report ***

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