

**COVER LETTER**

Grace Kim  
J.S. Chem International Co.  
11723 Fairfax Woods Way, #7208  
Fairfax, VA 22030  
RE: Extractions

October 30, 2008  
Report No.: 08J0554

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 10/16/2008 12:20.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Test Results
- QC Summary
- Notes and Definitions
- Cooler Receipt Log
- Chain of Custody



Final report reviewed by:

Michael D. Arbaugh/Customer Services Manager

10/30/2008

Report issue date

*All samples received in proper condition and results confirm to ISO 17025 standards unless otherwise noted.*

*If we have not met or exceeded your expectations, please contact the Director or Trevor Boyce, President at tboyce@microbac.com or Robert Morgan, Chief Operation Officer, at rmorgan@microbac.com.*



**Microbac Laboratories, Inc.**

Baltimore Division

2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800

Fax: 410-633-6553

www.microbac.com

**CERTIFICATE OF ANALYSIS**

Samhwa Paint Ind. Co., Ltd. 677, Seonggok-Dong, Danwon-Gu, Ansan-City Gyeonggi-Do, Korea (425-836)	Project: Extractions Project Number: Extractions Client Contact: KOO JA HYUN	Report: 08J0554 Reported: 10/30/2008 10:01
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**SAMPLE SUMMARY**

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
Nanopoxy 500	08J0554-01	Food	Not Specified	10/16/2008 00:00	10/16/2008 12:20

Microbac Laboratories, Inc., Baltimore Division

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Michael D. Arbaugh, Customer Services Manager



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### Nanopoxy 500

08J0554-01 (Food) Sampled: 10/16/2008 00:00; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
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### Microbac Laboratories, Inc., Baltimore Division

#### Chloroform Soluble Non-Volatile 8% Alcohol Extractives

Z10

Notes: Samples extracted at 120°F for 24 hours. Results conform to the standards listed in FDA 21CFR175.300.

Average Residue	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue A	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue B	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue C	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue D	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300

#### Chloroform Soluble Non-Volatile DI Water Extractives

Z10

Notes: Samples extracted at 120°F for 24 hours. Results conform to the standards listed in FDA 21CFR175.300.

Average Residue	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue A	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue B	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue C	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300
Residue D	ND	0.50	mg/in <sup>2</sup>	102308 1600	102908 1348	EDP	FDA CFR Title 21 175.300

#### Non-Volatile Heptane Extractives

Z10a

Notes: Samples extracted at 70°F for 30 minutes. Results conform to the standards listed in FDA 21CFR175.300.

Average Residue	ND	0.50	mg/in <sup>2</sup>	102408 1353	102408 1353	EDP	FDA CFR Title 21 175.300
Residue A	ND	0.50	mg/in <sup>2</sup>	102408 1353	102408 1353	EDP	FDA CFR Title 21 175.300
Residue B	ND	0.50	mg/in <sup>2</sup>	102408 1353	102408 1353	EDP	FDA CFR Title 21 175.300
Residue C	ND	0.50	mg/in <sup>2</sup>	102408 1353	102408 1353	EDP	FDA CFR Title 21 175.300
Residue D	ND	0.50	mg/in <sup>2</sup>	102408 1353	102408 1353	EDP	FDA CFR Title 21 175.300

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Michael D. Arbaugh, Customer Services Manager