



Confidential Communication

TO: Rafael Bernal

FROM: M. Adrowski *MA*

c:

LOCATION: Analytical Services- CV
Request Type: *External Customer Support*
DATE: 04/04/2024

PROJECT #: **LA-005-2024-COAT**

PROJECT ID: **Water-Based Enamel (made with Beckosol AQ 201 and 206)**

<u>Request No.</u>	<u>Analytical No.</u>	<u>Sample Name – Batch No.</u>	<u>Test Performed</u>
202402014	34832	Greenamel.Enamel WB	KF, NVM, WPG
	34833	Devcryl 50 black. Enamel WB	KF, NVM, WPG

SAMPLE BACKGROUND:

The client is competing in a tender and needs the value of VOC (volatile organic compounds)

We requested your support in order to analyze VOC (Volatile Organic Compounds) of both samples
Samples sent to MA 02/05/2024 - IP

Having difficulty w/ running %water on these samples. ma 2024 0321

New method seems to work. ma 2024 0402

RESULTS AND DISCUSSION:

	Greenamel.Enamel WB	Devcryl 50 black. Enamel WB
Weight Per Gallon (wpg)	10.5734 lb./gal	10.8457 lb./gal
% NVM	58.451 %	54.535 %
% Water (% H ₂ O)	39.94 %	43.22 %
VOC (g / L), calc'd	41.407 g/L	66.845 g/L

EXPERIMENTAL INFORMATION:

VOC was calculated by following ASTM D3960, section 10.2.2.2 equation (5).

Solids were measured by following Polynt test method AN-NV-109 (based on ASTM method D2369-87).

Polynt AN-CA-171 *Water Determination by Karl Fischer Titration (having Amines)* was the test method used for this set of samples.

Polynt AN-PP-002 *Density of a Liquid Using a Weight Per Gallon Cup* was the test method used for this set of samples (based on ASTM method D1475).

Analytical time: 5 hours

Request Data

Sponsor Bernal, Rafael

Request Number 202402014

Mail Stop Foreign

Phone 000-000-0000

Submit Date 01/20/2024

SBU Coatings

Accepted Date 02/05/2024

Priority Rush

Target Date 02/19/2024

Request Type External Customer Support

Priority Justification The client is competing in a tender and needs the value of VOC (volatile organic compounds)

Customer General Paint

Project Title Water-Based Enamel (made with Beckosol AQ 201 and 206)

Project Number LA-005-2024-COAT

Samples	1. 1.Greenamel.Enamel WB (34832)	7.
	2. 2.Devcryn 50 black. Enamel WB (34833)	8.
	3.	9.
	4.	10.
	5.	11.
	6.	12.

Hazards Texanol, AMP-95, Methanol

Sample We requested your support in order to analyze VOC (Volatile Organic Compounds)of both samples

Background Samples sent to MA 02/05/2024 - IP

Having difficulty w/ running %water on these samples. ma 2024 0321

New method seems to work. ma 2024 0402

Disposal Location Foreign

Current Tests	Test Name	Tester	Completed Date	Test Cancelled
	Misc	Adrowski, Mike		
	%NVM	Adrowski, Mike		
	H2O	Adrowski, Mike		

Current Email Addresses

Current Attachments