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Testing. Advising. Assuring.

Certificate of Analysis

June 18, 2013

Cezanne Professional Products
55 SE 2nd Ave
Delray Beach, FL 33444

Attn: Edward Knudsen

Exova Job No: 148932
Purchase Order: COD
Project Name: Demand Brands C2
Samples Received: One (1) Sample(s)
Date Received: 06/12/2013

AMM

Analysis

Page

Formaldehyde by SOP 4010, Rev 9

2



Michael Shelton
Technical Director



Patricia Metzger
Senior Chemist

Formaldehyde by SOP 4010, Rev 9
 High Performance Liquid Chromatography-Ultraviolet/Visible Absorption Spectroscopy

Sample preparation: About 1 g of the sample was accurately weighed in duplicate and mixed with water at a dilution factor of 20 by shaking for 15 minutes. A one mL aliquot was removed, mixed with 7 mL water, 1 mL acetonitrile, and derivatized with 1 mL of 2,4-dinitrophenylhydrazine (DNPH) reagent. A matrix spike and laboratory fortified blank (LFB) were treated in the same manner. After being permitted to react for 1 hour, the solutions were analyzed by HPLC with detection at 360 nm. At this dilution factor (200) the matrix spike was not recoverable. The extraction was repeated twice more at successive dilutions but, at a final dilution of 4000, the matrix spike was still not sufficiently recovered. The extraction diluent was switched from water to acetonitrile, and the extractions repeated at dilutions of 25 and 5000. Blanks and LFB's for all extractions were prepared similarly. Acceptable recovery of spike was finally obtained using acetonitrile for extraction at a final dilution factor of 5000. The detection limit is adjusted for the final dilution required for the analysis.

Parts Per Million (mg/kg)

<u>Sample ID</u>	<u>Result</u>
Demand Brands C2	ND
Demand Brands C2 Duplicate	ND
Method Blank	ND
Detection Limit	30
Date Derivatized:	06-14-13
Date Analyzed:	06-14-13

Quality Control Summary

Sample ID: Demand Brands C2

<u>Analyte</u>	<u>Sample Result</u>	<u>Spike Conc</u>	<u>Sample RPD</u>	<u>Spike Conc</u>	<u>Spike Result</u>	<u>Spike % Rec*</u>
Formaldehyde	ND	ND	NA	4900	4250	87

NA - RPD not applicable for results less than ten times the detection limit.

* Based on first sample result (sample spiked)

QC Guidelines

<u>Analyte</u>	<u>% Recovery</u>	<u>RPD Limit</u>
Formaldehyde	39-153	25

Sample ID: Method Blank

<u>Analyte</u>	<u>Sample Result</u>	<u>Spike Conc</u>	<u>Spike Result</u>	<u>Spike % Rec</u>
Formaldehyde	ND	5000	4760	95

QC Guidelines

<u>Analyte</u>	<u>% Recovery</u>
Formaldehyde	80-115



ANALYTICAL REQUEST FORM

9240 Santa Fe Springs Road, Santa Fe Springs, CA 90670
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www.exovachemist.com

ISO/IEC
17025
Cert. 3248 01



Send Report To

Send Invoice To

Contact: Edward Knudsen
Company: Demand Brands
Address: 55 SE 2nd Ave
Delray Beach, FL 33444

AP Contact: Lita Kaufman
Address: Demand Brands
55 SE 2nd Ave
Delray Beach, FL 33444

Email: tknudsen@demandbrandsllc.com
Phone: 917-520-6268 Fax: _____

Project: Formaldehyde Testing
Purchase Order: _____
Phone: 1-888-316-6250 Fax: 1-888-316-6250

Turnaround Time (business days): Date Data Due: _____ <input type="checkbox"/> Normal 10 days (routine analyses) <input type="checkbox"/> Rush 5 days <input checked="" type="checkbox"/> Rush 3 days <input type="checkbox"/> Rush 1 day Rush fees will apply	Regulatory Requirements <input type="checkbox"/> ISO 17025 Traceability Required <input checked="" type="checkbox"/> R&D or Internal (not submitted to FDA) <input type="checkbox"/> Regulatory Submission to FDA* <input type="checkbox"/> Product/Raw Material Regulated by FDA* <input type="checkbox"/> Other _____	Storage <input type="checkbox"/> Protect from light <input checked="" type="checkbox"/> Room Temp <input type="checkbox"/> 2 to 8° C <input type="checkbox"/> -10 to -25° C <input type="checkbox"/> -70 to -90° C	Reporting Options <input type="checkbox"/> Report Only <input type="checkbox"/> + Spectra/Chromatograms <input type="checkbox"/> + QA Data Pkg (extra fee) Send by <input type="checkbox"/> Mail <input checked="" type="checkbox"/> Email
<input type="checkbox"/> DEA Controlled Substance/Chem: Sched - _____		<input type="checkbox"/> Radioactive Material _____ mCi (Limit = 10 mCi - samples/preps will be returned)	

Comments and Precautions (MSDS Must be included with all samples)

Sample Identification for Report	Matrix/Product	Analysis(es) and Specifications* <small>* Specifications are required for all FDA cGMP work.</small>
Demand Brands C2		Formaldehyde by SOP 4010, Revision 9

N x

06-12-13 CT: Sample received also w/
Cocaine FF Treatment.

To ensure compliance with cGMP requirements, non-compendial test methods must be transferred and/or validated. Method transfer and/or validation services are available on request and are the responsibility of the client. Where method transfer and/or validation have not occurred reports will indicate method not validated for this matrix at this facility.					
Relinquished by: <u>[Signature]</u> Company: <u>Demand Brands</u>	Date: <u>6/12/13</u>	Time: _____	Received by: <u>[Signature]</u> Company: _____		
Relinquished by: <u>[Signature]</u> Company: <u>[Signature]</u>	Date: <u>06-12-13</u>	Time: <u>9:50 AM</u>	Received by: <u>[Signature]</u> Company: <u>[Signature]</u>		

NOTES: Samples will be disposed of 30 days after invoicing, except for regulated substances and radioactive samples which will be returned at the client's expense. All documents and raw data will be disposed of after 7 years. All services provided will adhere to Exova Inc Terms & Conditions.

Job No.: 14 8 9 3 2
March 18, 2013