



Hygienic Laboratory

The University of Iowa

Date of report: 02-26-2004

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JOCELYNE COMTOIS
GODDESS GIFTS
2055 185TH STREET

FAIRFIELD IA 52556

Sample Number 200450971 Revision 1
Date Received 01-26-2004
Project
Date Collected 07-31-2003
Collection Site 200 n. court (from china)
Collection Town Fairfield
Description herbal liquid
Reference ~~OSTEO KING~~
Collector COMTOIS JOCELYNE
Phone (641) 472-8359
Purchase Order

Comments

Upon receipt at the UHL, sample meets standard acceptance criteria.
9 boxes of product-per phone call to Jocelyne run the 9 boxes as 1 sample.

Results of Analyses

Total Lead

Analyte	Concentration mg/L	Quantitation Limit
Total Lead	0.013	0.001

Date Analyzed: 02-10-2004
Method: EPA 200.8

Analyst: SB
Verified: LF

Total Arsenic

Analyte	Concentration mg/L	Quantitation Limit
Total Arsenic	0.22	0.01

Date Analyzed: 02-10-2004
Method: EPA 200.8

Analyst: SB
Verified: LF

Total Cadmium

Analyte	Concentration mg/L	Quantitation Limit
Total Cadmium	0.006	0.001

Date Analyzed: 02-10-2004
Method: EPA 200.8

Analyst: SB
Verified: LF

Total Mercury

Analyte	Concentration mg/L	Quantitation Limit
Total Mercury	<0.001	0.001

Date Analyzed: 01-29-2004
Method: EPA 245.2

Analyst: TB
Verified: TAB

Continued on next page...



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Sample Number 200450971 (1)

Description of units used within this report

mg/L - Milligrams per Liter

Quant Limit - Lowest concentration reliably measured

Iowa Laboratory Certification No. 027. AIHA, NELAP, NVLAP, USEPA, and other credentials available upon request.

If you have any questions please call Sherri Marine at 800/421-IOWA (4692) or 319/335-4500. Thank you.

End of Report

Dr. J. R. Gilchrist, Ph.D.
Director

102 Oakdale Campus, #101 OH
Iowa City, Iowa 52242-5002
319/335-4500 Fax: 319/335-4555

<http://www.uhl.uiowa.edu>

H.A. Wallace Building
East Grand, Des Moines, Iowa 50319-0034
515/281-5371 Fax: 515/243-1349

jocelyne comtois

From: "jocelyne comtois" <jcomtois@lisco.com>
To: "Gryzlak, Brian" <BGryzlak@exchange.public-health.uiowa.edu>
Cc: "ross" <ross@lisco.com>; "Yunxiang Zhu" <zhu@mum.edu>
Sent: Wednesday, March 10, 2004 4:13 PM
Subject: lab interpretation

Dear Brian,

Here is the interpretation of the lab results for **Osteo King**. First, it is important to know the following equivalent measures:

ppm = mg/KG = mg/L = ug/mL
g = ml

The safety limits used came from the Food & Agriculture Organization of the United Nations (FAO), the World Health Organization (WHO), the FDA Guidance Document (FDA), and US EPA proposed guidelines (EPA). It is important to note that there is no FDA safety guidelines established for supplements so I used the FDA food safety guidelines. Laboratories do not provide safety limit guidelines.

Heavy Metal Test Results:

Lead: results were .013 mg/L
FAO/WHO safety limit is < 1.4 mg/L
FDA safety limit is < 1.5 mg/L

Arsenic: results were .22 mg/L
FAO/WHO/EPA safety limit is < 10 mg/L
FDA safety limit is < 76 mg/L

Cadmium: results were .0006 mg/L
FAO/WHO safety limit is <.3 mg/L
FDA safety limit is < 3 mg/L

Mercury: results were <.0001mg/L which means that no mercury was detected.
FDA safety limit < 1mg/L

Bacteriology Test Results:

Coliforms and E.Coli - Presumptive: results were < 3 MPN/g which means that nothing was detected. (the word "presumptive" means that if anything had been detected in this test, another test would have been necessary to determine the levels of coliforms and E.coli present in Osteo King.)

Standard Plate Count: results were < 10 CFU/g; the safety limit is 100 CFU/g

Yeast Count: results were < 10 CFU/g; the safety limit is 100 CFU/g

Mold Count: results were < 10 CFU/g; the safety limit is 100 CFU/g

The bacteriology test results indicate that nothing was detected in the 4 tests.

The "quantitation limit" established on the test results means the smallest level of detection that can be reached. Below this level, nothing is detected.

The toxicology tests done at both laboratories indicate that Osteo King is safe for consumption.

Debra Lockett at Eurofins lab interpreted the results of the tests. She can be reached at 1-800-880-1037 ext.525. Terry Baumann at the Hygienic Laboratory in Des Moines did the same. Her phone number is 515-281-5371.

Let me know if you need further explanation,

Best regards,

Jocelyne

Eurofins Sample: ME2004-002826
Sample of: Osteo King herbal liquid
Sample ID: Osteo King
PO Number:
Cust #: 1353460

Reporting Date: 2/2/2004
Entry Date: 1/27/2004

Goddess Gifts, Inc.
Attn Jocelyne Comtois
2055 185th St.
Fairfield IA 52556

REPORT OF ANALYSIS

Test	Result	Units
Coliforms And E.Coli - Presumptive	<3	MPN/g
Standard Plate Count	<10	CFU/g
Yeast Count	<10	CFU/g
Mold Count	<10	CFU/g

Respectfully Submitted,
Eurofins Scientific Inc.

Doug Winters, Business Unit Manager