

# **Exhibit 14**

**Brandon Stamper**

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**From:** Larry D. Bowers, Ph.D. [LBowers@usada.org]  
**Sent:** Wednesday, June 01, 2011 2:47 PM  
**To:** 'Mahmoud A. ElSohly, Ph.D.'; Amy Eichner, Ph.D.  
**Cc:** 'Dr. Ikhlas Kahn'; 'Waseem Gul'  
**Subject:** RE: numbers for Jack3d distribution??

No worries. I'm just not confident in stating that something is (might be?) present when we only have LC/MS/MS SRM data.

**From:** Mahmoud A. ElSohly, Ph.D. [mailto:elsohly@elsohly.com]  
**Sent:** Wednesday, June 01, 2011 1:32 PM  
**To:** Larry D. Bowers, Ph.D.; Amy Eichner, Ph.D.  
**Cc:** 'Dr. Ikhlas Kahn'; 'Waseem Gul'  
**Subject:** RE: numbers for Jack3d distribution??

Dear Larry,

I do agree with your concerns but we must make sure that if we say it is absent that we have data to support that. We can certainly say absent with a specific limit. For example, if we find that the samples show on the LC/MS/MS levels of 2 – 8 ppb we can comfortably say absent with a detection limit of 10 ppb, or something like that. As I said, let's get all the data we can get, both by GC/MS and LC/MS/MS and then decide what the best course of action would be. We will all have to be comfortable with what we report. Don't worry.

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Oxford, MS 38655  
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**From:** Larry D. Bowers, Ph.D. [mailto:LBowers@usada.org]  
**Sent:** Wednesday, June 01, 2011 11:51 AM  
**To:** 'Mahmoud A. ElSohly, Ph.D.'; Amy Eichner, Ph.D.  
**Cc:** 'Dr. Ikhlas Kahn'; 'Waseem Gul'  
**Subject:** RE: numbers for Jack3d distribution??

I just wanted to add my two cents. I am fairly concerned about an LC/MS/MS assay with a limited number of product ions being used to conclude that a substance is present in a matrix. There are at least three publications where it has been shown that false positive results were obtained from LC/MS/MS even though the retention times and three product ion ratios matched within acceptance criteria. There are also issues of ion enhancement and ion suppression in electrospray that could be problematic, although it clearly depends on the specific assay conditions. In my humble opinion, LC/MS/MS is not at the stage that GC/MS was when it was labeled as the "gold standard". And it is really the entire analytical scheme that establishes the "gold standard", not just the instrumental technique.

From my perspective, it would be necessary to isolate enough material from the matrix to obtain a full MS scan and potentially other analytical techniques (NMR, IR, etc) in order to verify the PRESENCE of a substance. I would make the same argument about the Peng (sp?) paper – simply finding three "characteristic" ions at the correct retention time at a low level in a complex matrix does not constitute proof that a substance is present.

The absence of characteristic ions at the expected retention time, however, is very helpful in establishing the ABSENCE of a compound.

Best,  
Larry



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**From:** Mahmoud A. ElSohly, Ph.D. [mailto:elsohly@elsohly.com]  
**Sent:** Wednesday, June 01, 2011 9:34 AM  
**To:** Amy Eichner, Ph.D.  
**Cc:** Larry D. Bowers, Ph.D.; 'Dr. Ikhlas Kahn'; 'Waseem Gul'  
**Subject:** RE: numbers for Jack3d distribution??

Hi Amy,

In the next couple of days we will conclude all our testing and will have a very clear picture. Anyway, it appears that the levels are really low (in the parts per billion range). Let's wait and see the final outcome by the most sensitive method.

Warmest regards,  
Mahmoud A. ElSohly, Ph.D., BCFE, BCFM  
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Oxford, MS 38655  
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**From:** Amy Eichner, Ph.D. [mailto:AEichner@usada.org]  
**Sent:** Monday, May 30, 2011 5:47 PM  
**To:** Mahmoud A. ElSohly, Ph.D.  
**Cc:** Larry D. Bowers, Ph.D.; 'Dr. Ikhlas Kahn'; 'Waseem Gul'  
**Subject:** RE: numbers for Jack3d distribution??

Hi Mahmoud- Just got back into town and internet access.

From this point, sample authentication will be important. The commercially available "geranium oil" may be from a variety of sources. Was DMP found in the extracted sample?

If it is in there at a measurable level, then our message will obviously change slightly. We will focus more heavily on synthetic DMP NOT being a dietary ingredient, but DMP extracted from a plant meets the definition of a dietary ingredient.

Interesting.....

Amy

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From: Mahmoud A. ElSohly, Ph.D. [mailto:[elsohly@elsohly.com](mailto:elsohly@elsohly.com)]  
Sent: Friday, May 27, 2011 3:33 PM  
To: Amy Eichner, Ph.D.  
Cc: Larry D. Bowers, Ph.D.; 'Dr. Ikhlas Kahn'; 'Waseem Gul'  
Subject: RE: numbers for Jack3d distribution??

Dear Amy,

I left you a message on your voice mail to call me. Since you didn't, I am responding to your email.

As I told you we were going to also develop LC/MS/MS, we have actually started and just got the first set of data right before getting your email. The LC/MS/MS method is 1000 times more sensitive than the GC/MS method. We analyzed the samples you just sent to me by the LC/MS/MS method and they do contain low levels of DMP (in the ng/mL range). Therefore, we are going back and will analyze all samples, that were analyzed earlier by the GC/MS method, by the LC/MS/MS methods. Our final report will contain data by both methods.

Please call when you can.

Thanks,

Mahmoud A. ElSohly, Ph.D., BCFE, BCFM

President

PSI (Phytochemical Services, Incorporated)

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From: Amy Eichner, Ph.D. [mailto:[AEichner@usada.org](mailto:AEichner@usada.org)]  
Sent: Friday, May 27, 2011 9:44 AM  
To: Ikhlas A. Khan  
Cc: [elsohly@elsohly.com](mailto:elsohly@elsohly.com)  
Subject: FW: numbers for Jack3d distribution??

Hi Ikhlas and Mahmoud-

Keep your ears to the ground on this. It seems that some folks from AHPA (Devon and maybe Steven Dentali?) are pushing that a lab has found methylhex in geranium oil. Anyway you can get some information on this rumour?

I think we're going to have to really lobby the FDA to rule on this once and for all, and your reputation might be a critical factor here. I don't want the trade associations writing the rules here.

Also, I wanted to float this past you- I'd like to see if we can get an editorial published in a high profile journal- like Science or JAMA or BMA or something- discussing the importance and implications of our paper. Do you think Mark Blumenthal would be a good person to write the editorial and try to get it in somewhere big? From what I can see, the authors of the original paper are not usually the authors of an editorial. What do you think? Would he be a useful person to bring in on this story as well?

Best,

Amy

From: Wyszumiala, Edward [ewyszumail@nsf.org]  
Sent: Friday, May 27, 2011 8:32 AM  
To: Amy Eichner, Ph.D.; Bestervelt, Lori  
Subject: RE: numbers for Jack3d distribution??

Devon told me, but Stephen was there as well, he said it wasn't confirmed yet, but Devon was pushing it as the truth. They wouldn't divulge the lab, I was keen on getting this info and what there methodology was?.

Could be good insight into where they are going with this?

From: Amy Eichner, Ph.D. [mailto:AEichner@usada.org]  
Sent: Friday, May 27, 2011 9:42 AM  
To: Wyszumiala, Edward; Bestervelt, Lori  
Subject: RE: numbers for Jack3d distribution??

You are kidding me? Who did they say it was? Was it Steven Dentali that told you?

If you say something enough, lies become the truth.

At any rate, our paper is going to be expedited- I hope it's out in the next two months. It seems like it takes forever. We're going to work hard on the FDA to rule on this once and for all.

Amy

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From: Wyszumiala, Edward [ewyszumail@nsf.org]  
Sent: Friday, May 27, 2011 7:28 AM  
To: Amy Eichner, Ph.D.; Bestervelt, Lori  
Subject: RE: numbers for Jack3d distribution??

Hi Amy,

I don't have any exact data on this. The NBJ didn't have any data on them based on the last sport nutrition edition they sent out back in Feb.

Its exciting to hear this work is getting done soon! FYI – AHPA mentioned to me that they talked with a lab that tested geranium and found methylhexanamine in it? Haven't seen the data or know what lab and plant they used, maybe just industry spin.

Talk with you soon,  
Ed

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From: Amy Eichner, Ph.D. [mailto:AEichner@usada.org]  
Sent: Monday, May 23, 2011 5:46 PM  
To: Bestervelt, Lori; Wyszumiala, Edward  
Subject: numbers for Jack3d distribution??

Hey guys- Do you have any number estimates for how many bottles of Jack3d have sold so far? I know it was a GNC top seller, so maybe there are some numbers published in a business journal or something?

We're going to be publishing the geranium oil stuff with Ikhlas very soon- looks like J Forensic Toxicology- they are going to expedite the paper. Should be submitted in 1-2 weeks- not sure how long it takes to review and publish but the editor promised a quick turn around given the story.

Amy

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