MEETING MINUTES
INDEPENDENT LABORATORY ADVISORY COMMITTEE

October 07, 2015

The Independent Laboratory Advisory Committee held a public meeting on October 07, 2015, beginning at 2:00 p.m. at the following locations:

VIDEO-CONFERENCE SITE:
Division of Public and Behavioral Health
4150 Technology Way, Room 303
Carson City, NV 89701

VIDEO-CONFERENCE SITE:
Rawson-Neal Psychiatric Hospital
1650 Community College Dr., Room B-193
Las Vegas, NV 89146

1. **Call to order; determination of quorum**
   ILAC Chairperson Ed Alexander called the meeting to order at 2:10 p.m.

   Present: Dr. Sue Sisley, Ed Alexander, Savino Sguera, Chao-Hsiung Tung, Matt Haskin, Glenn Miller
   Teleconference: N/A
   Absent: David Luttrull, Jason Sturtsman

2. **Public Comment (No action may be taken on this item of the agenda.)**
   Public comment was taken (none)

3. **Approval of minutes**
   July 01, 2015 and August 5, 2015 ILAC meeting.
   Motion by Matt Haskin to approve meeting minutes. Second by Savino Sguera. Unanimous.

Committee Comments:
N/A

4. **Presentation of revised Cannabinoid/Terpenoid Policy.**

   Pam Graber stated this item was added to the agenda as a courtesy to demonstrate to the ILAC that the recommended changes have been made to the policy. The additional five Terpenoids included on the Cannabinoid/Terpenoid Policy were removed and the updated policy was provided in packet handouts.

Committee Comments:
N/A

Motion: Sue Sisley moved to approve the revised Cannabinoid/Terpenoid Policy in which the five additional terpenoids were removed. Second by Chao-Hsiung Tung. Unanimous.

5. **Presentation, discussion and possible recommendation for draft policy on Residual Solvent Testing for Medical Marijuana.**

   Nataliya Wood used a PowerPoint presentation to review the Residual Solvent Testing for Medical Marijuana Independent Laboratories policy. Per NAC 453A.592, she requested recommendations for acceptable parts per million for 1 gram of finished extract of residual solvent or gas.

Committee Comments:
Glenn Miller clarified some mistakes in Colorado's residual solvent regulations. Recommended using plural for "butane" and "heptane," such as: "butanes" and "heptanes." He also suggested using Wt. per Volume rather than PPM (mg per Kg). He also supports restricting the number of allowable solvents.

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Sue Sisley appreciates Glenn's comments and feels the PPM measurement is appropriate as it is the industry standard and used by OSHA.

Matt Haskin agreed with Sue.

Glenn Miller questioned if OSHA standard was for use in the air.

Savino Segura stated he believes it stated as being used as a "weight by weight".

Ed Alexander suggested there if there were some language to adopt that would indicate it being used as a weight by weight as opposed to air volume.

Glenn Miller agrees with Ed if the wording is such that "PPM means weight per weight of extract".

Ed Alexander suggested in the interest of industry consistency using a weight by weight measurement and continue using the current weights of measure with the understanding of not being 100% correct in its use.

Matt Haskin stated the USP uses PPM for the measurement of drugs and we would be consistent with them.

Ed Alexander stated if a 99.9% purity on solvents and a COA were required, this would eliminate some of the byproducts we are trying to test for and study more laboratory line gases which could alleviate potential future problems.

Matt Haskin questioned if the Division has the latitude to clarify the 99% to 99.9% change which will effectively eliminate the solvents concerned about.

Glenn Miller stated there is no toxicological reason to use the 99.9% as it will only raise the cost considerably.

Ed Alexander questioned if anyone is using anything other than butane.

Savino informed that using butane is the most popular because it extracts well, and is a gas at room temperature and retains chlorophyll.

Glenn Miller stated the 800 PPM is not precise.

Ed Alexander suggested changing the title from "Acceptable Limits Per Gram of Product" to "Acceptable Limits" and asked Nataliya Wood if the Division can make that change.

Nataliya Wood stated that the purpose of this agenda item is to collect suggestions to implement into the policy.

Matt Haskin questioned why 800 PPM was chosen. He stated that if we use the 99.9% of solvents and required a COA certificate, it would cost a little more but it would reflect no traces of gases.

Recommendation: Ed Alexander recommended eliminating the "per gram of product" listed on the table, changing all of the PPMs to 500, changing any reference of 99% to 99.9%, and eliminating sections 4.2 and 4.3.

Motion: Savino Segura motioned to eliminate the per gram of product per table, change all of the PPM to 500, change any reference of 99% to 99.9%, and eliminate sections 4.2 and 4.3 in doing that. Second by Matt Haskin. Five committee members voted yes, and Glenn Miller abstained.

Public Comments:
Public comment was taken.

Recommendation: Ben Chew representing MM Lab, recommends the correction of a clerical error in section 4.1 correcting "isobutene" to "isobutane".

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Motion: Savino Segura motioned to have staff follow up

6. Presentation of staff research on homogenization. (Informational Only)

Pam Graber presented findings on the homogenization of THC in edible marijuana products. She discussed Washington and Colorado requirements, categories of edibles, and some of the chemical challenges with even distribution.

Committee Comments:

Ed Alexander commented that the article "Play It Safe and Don't Eat the Whole Cookie" was inflammatory and suggested that I could scare new patients. Pertaining to serving sizes and dosing, he suggested single serving sizes with multiple milligrams of medicine. He expressed concerns over "hot spots" but at the same time does not want to limit access. Patients need to know what they are buying.

Glenn Miller stated that homogenization is important. He had issues with some of the report, stating that "micro-dropping" has its challenges and that while homogenization standards and testing would be good, costs must be considered.

7. Public Comment (No action may be taken on this item of the agenda.)

Public comment was taken. A few patient advocates had issues with the "Play it Safe" article, stating that it was too inflammatory.

8. Adjournment.

The meeting adjourned at 3:27 p.m.

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