Identifying a Valid Test Report

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
Presented By: Douglas Berg-Testing Program Manager

About PJLA –in the Cannabis/ Hemp Industry

- Accredited first Cannabis Lab in 2012 to ISO/IEC 17025 and expanding
- Attended and Participated in Several Cannabis/Hemp Associations in support of the industry
- Experienced Accreditation Body with over 1500 accredited facilities globally , 80 Accredited cannabis and Hemp labs.
- Free Training and Client Support Services
- Internationally Recognized ILAC Accreditation Body

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A “Valid Test Report”?

“Valid”

“Meaningful”

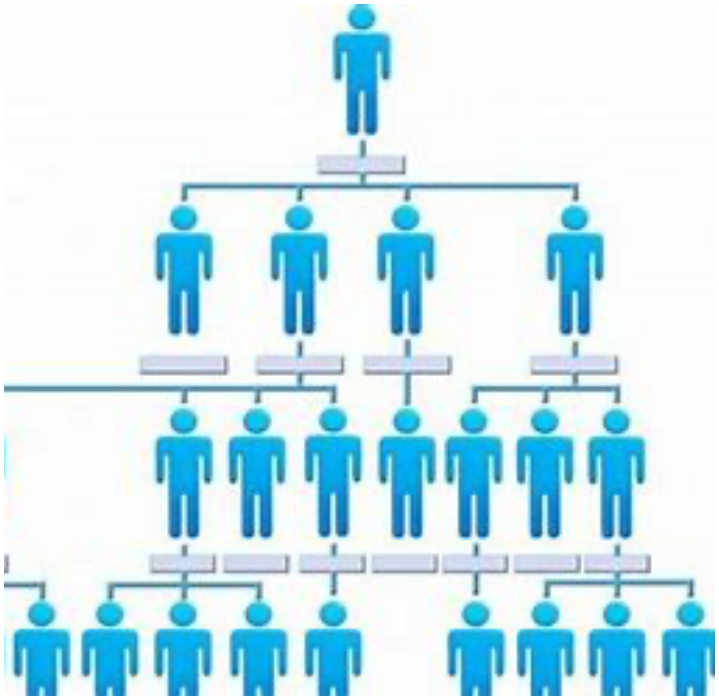
“Informative”

What does ISO/IEC 17025:2017 ”General requirements for the competence of testing and calibrations laboratories” have to say about this?

ISO/IEC 17025:2017

Structural Requirements

5.4 Laboratory activities shall be carried out in such a way as to meet the **requirements of this document, the laboratory's *customers, regulatory authorities* and *organizations providing recognition***. This shall include laboratory activities performed in all its permanent facilities, at sites away from its permanent facilities, in associated temporary or mobile facilities or at a customer's facility.



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ISO/IEC 17025:2017

7.8 Reporting of Results

7.8.1.1 The results shall be reviewed and authorized prior to release.

The results shall be provided ***accurately, clearly, unambiguously and objectively, usually in a report*** (e.g. a test report or a calibration certificate or report of sampling) and ***shall include all the information agreed with the customer and necessary for the interpretation of the results and all information required by the method used.*** All issued reports shall be retained as technical records.

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ISO/IEC 17025:2017

7.8 Reporting of Results

7.8.2.2 The laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer. Data provided by a customer shall be clearly identified. In addition, a disclaimer shall be put on the report when the information is supplied by the customer and can affect the validity of results. Where the laboratory has not been responsible for the sampling stage (e.g. the sample has been provided by the customer), it shall state in the report that the results apply to the sample as received.

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ISO/IEC 17025: 2017 7.8.2 Common requirements for reports (test, calibration or sampling)

7.8.2.1 Each report shall include at least the following information, unless the laboratory has valid reasons for not doing so, thereby minimizing any possibility of misunderstanding or misuse:

a) title (e.g. “Test Report”, “Calibration Certificate” or “Report of Sampling”);

b) the name and address of the laboratory;

c) the location of performance of the laboratory activities, including when performed at a customer facility or at sites away from the laboratory’s permanent facilities, or in associated temporary or mobile facilities;

d) unique identification that all its components are recognized as a portion of a complete report and a clear identification of the end;

e) the name and contact information of the customer;

f) identification of the method used;

g) a description, unambiguous identification, and, when necessary, the condition of the item ;

h) the date of receipt of the test or calibration item(s), and the date of sampling, where this is critical to the validity and application of the results;

i) the date(s) of performance of the laboratory activity;

ISO/IEC 17025: 2017 7.8.2 Common requirements for reports (test, calibration or sampling)

7.8.2.1 Each report shall include at least the following information, unless the laboratory has valid reasons for not doing so, thereby minimizing any possibility of misunderstanding or misuse Continued:

J) the date of issue of the report;

k) reference to the sampling plan and sampling method used by the laboratory or other bodies where these are relevant to the validity or application of the results;

l) a statement to the effect that the results relate only to the items tested, calibrated or sampled;

m) the results with, where appropriate, the units of measurement;

n) additions to, deviations, or exclusions from the method;

o) identification of the person(s) authorizing the report;

p) clear identification when results are from external providers.

The laboratory should include a statement specifying that the report shall not be reproduced except in full, without approval of the laboratory.

ISO/IEC 17025: 2017 –Section 7.8.3

- 7.8.3.1 In addition to the requirements listed in 7.8.2, test reports shall, where necessary for the interpretation of the test results, include the following:
- information on specific test conditions, such as environmental conditions;
- where relevant, a statement of conformity with requirements or specifications (see 7.8.6);
- where applicable, the measurement uncertainty presented in the same unit as that of the measurand or in a term relative to the measurand (e.g. percent) when:
- — it is relevant to the validity or application of the test results;
- — a customer's instruction so requires, or
- — the measurement uncertainty affects conformity to a specification limit;
- where appropriate, opinions and interpretations (see 7.8.7);
- additional information which may be required by specific methods, authorities, customers or groups of customers

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ISO/IEC 17025:2017 7.8.6 -Reporting Statement of Conformity

7.8.6.1 When a ***statement of conformity*** to a specification or standard is provided, the laboratory shall ***document the decision rule employed***, taking into account the ***level of risk*** (such as false accept and false reject and statistical assumptions) associated with the decision rule employed and ***apply the decision rule***.

NOTE Where the decision rule is prescribed by the ***customer, regulations or normative documents***, ***a further consideration of the level of risk is not necessary.***

7.8.7 Reporting opinions and interpretations

7.8.8 Amendments to reports

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A “Valid Test Report”
Important Items to Remember!

- ”customer”, “regulatory”, ”statutory”, “recognition organizations”
- “accurately”, “clearly”, “unambiguously”, ”objectively”
- ”agreed with the customer”, ”simplified” ..any information not reported – readily available
- “at least the following” unless “valid reason for not doing so”
- ”statements of conformity” , “decision rule”

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Contact Information

Perry Johnson Laboratory Accreditation, Inc.

755 West Big Beaver Road, Suite 1325

Troy, MI 48084

Tel: (248)-519-2603

Website: www.pjlabs.com

Doug Berg; dberg@pjlalbs.com

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