Register online
go.astm.org/ptphemp

2023 Test Cycles:
January, May,
September

ASTM INTERNATIONAL
Proficiency Testing Programs

Hemp Flower Proficiency Testing

Meet regulatory requirements and improve your lab's performance when testing cannabis.

We'll provide the tools you need to enhance your testing protocols and uncover areas for improvement with this new program designed specifically for labs who test cannabis and hemp.

The ASTM International Hemp Flower Proficiency Testing Program will help your lab identify bias and trends with easily accessible personalized and confidential data. Compare results with competing labs. Gain increased confidence in your testing procedures and ensure your technicians are performing at the highest level.

About the Program

You'll use our proven statistical quality assurance (SQA) tool and standards developed by ASTM Committee D37 on Cannabis to measure your performance in testing hemp samples for factors like:

— potency (cannabinoids)
— pesticides
— moisture content
— water activity
— terpenes and terpenoids
— mycotoxins
— microbial contaminants
— trace elements

Samples and Instructions

Each lab will receive a 2 g packet of whole hemp flower sample for water activity plus 25 g of ground hemp flower for other testing parameters. Test samples are prepared and distributed for ASTM International by the National Institute of Standards and Technology (NIST) in Gaithersburg, MD (USA). Water activity levels are controlled and maintained through Boveda precision humidity control.

Testing and Results

Perform tests in your own lab and submit testing data within 8 weeks of receiving samples. Access test instructions and data report forms using the ASTM PTP2 online portal. View your confidential statistical summary reports within approximately 20 business days of submission.

Questions? Contact Angelique Fontenot
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