



ASTM INTERNATIONAL
Helping our world work better

D37 Cannabis

ASTM Background & Overview

ASTM International
May 31, 2019
FDA Cannabis Hearing
Silver Spring, MD

Robert Morgan
Director, Technical Committee Operations

www.astm.org



What is ASTM?



A Proven and Practical System

- Established in 1898
 - 147 Committees & 12,500+ Standards
 - 32,000 members
 - 8,000+ International Members from 135 countries
 - 5,100 ASTM standards used in 75 countries
 - Accreditation: American National Standards Institute (ANSI)
 - Process complies with WTO principles: Annex 4 of WTO/TBT Agreement
-
- Development and delivery of information made uncomplicated
 - A common sense approach: industry driven
 - Market relevant globally
 - No project costs



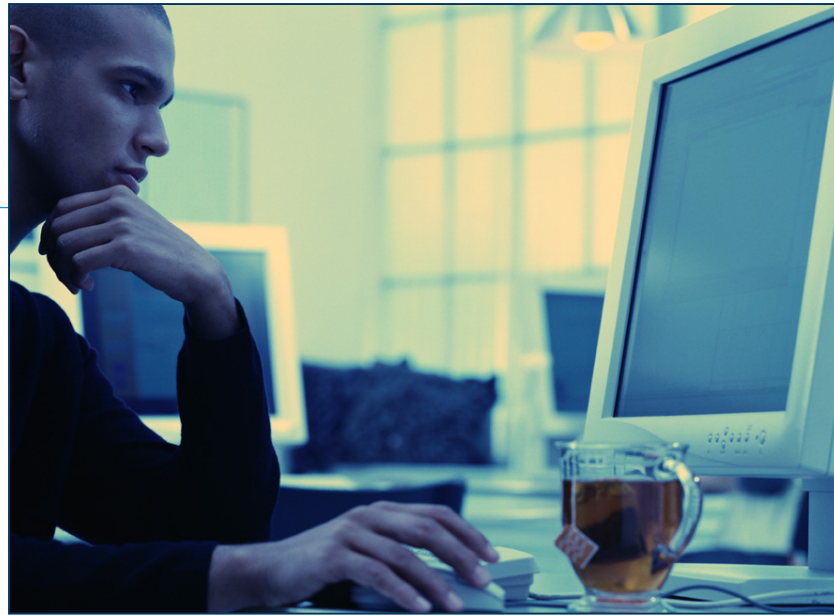
ASTM: The Power of Partnership

- ❖ All stakeholders involved
- ❖ Neutral forum
- ❖ Consensus-based procedures
- ❖ Private and public sector cooperation
- ❖ Every member has equal say
 - ❖ 1 vote per interest



EXAMPLE

- Manufacturers
- Federal agencies
- Design professionals
- Professional societies
- Trade associations
- Financial organizations
- Academia



How Are ASTM Standards Used?

Government agency reference them in codes, certification, regulations, and laws, supports P.L. 104-113

FDA participates in ASTM standards development for medical devices and pharmaceutical process

Used by tens of thousands of individuals, companies, and agencies globally



ASTM INTERNATIONAL
Helping our world work better

D37 on Cannabis formed in 2017 at the request of industry stakeholders

www.astm.org



D37 on Cannabis



Overview

Formed in 2017; 600 Members from 14 countries

Title: Cannabis

Scope: The development & maintenance of standards and guidance materials for cannabis and its products and processes.

- D37.01 Indoor and Outdoor Horticulture and Agriculture
- D37.02 Quality Management Systems
- D37.03 Laboratory
- D37.04 Processing and Handling
- D37.05 Security and Transportation
- D37.06 Personnel Training, Assessment, Credentialing
- D37.07 Industrial Hemp
- D37.90 Executive
- D37.91 Terminology

Represented by

- Associations
- Academia
- Laboratories
- Supplier
- Cultivation Centers
- Government
- Transportation Services
- Software Providers
- Accreditation bodies

Collaborating to
Develop Robust
Solutions Toolbox

Partnerships



American Trade Association of Cannabis and Hemp

The Foundation of Cannabis Unified Standards

American Herbal Products Association

Canadian Hemp Trade Alliance

International Cannabis and Cannabinoids Institute - EU

PROGRESS REPORT



D37 approves its first 6 standards

D8196-18 Standard Practice for Determination of Water Activity (a_w) in Cannabis Flower

D8197-18 Standard Specification for Maintaining Acceptable Water Activity (a_w) Range (0.55 to 0.65) for Dry Cannabis Flower

D8219–19 Standard Practice for the Cleaning and Disinfection at a Cannabis Cultivation Center

D8233–19 Standard Guide for packaging and labeling of Cannabis resin-derived products for sale to adult consumers, authorized medical cannabis users and caregivers, in a business to consumer retail environment

D8245-19 Standard Guide for Disposal of Cannabis Raw Materials and Downstream Products Containing Resin

D8250-19 Standard Practice for Implementing and Managing Hazard Analyses Critical Control Points (HACCP) Systems for extracted and infused products within the Cannabis Industry

Ongoing Efforts in Development



Standard Test Methods for the laboratory testing for pesticides, residual solvents, cannabinoid and terpene analysis

Standards addressing quality management and compliance auditing

Standards addressing security and transportation

Standards for industrial hemp as a food supplement for human/animal consumption

Standards for hemp fiber used in construction materials

Contact Information



Technical Committee Operations

Robert Morgan
Director, Technical Committee Operations
T: +1-610-832-9732
E:rmorgan@astm.org

www.astm.org

Global Offices:

Canada
Belgium
Peru
China

