



ASTM International Technical Committee D37 on Cannabis Scope

The development and maintenance of standards and guidance materials for cannabis and its products and processes. The work of this committee will be coordinated with other ASTM committees and other organizations having mutual interest.

Technical Subcommittees

- 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
- D37.08 Cannabis Devices and Appliances
- D37.90 Executive
- D37.91 Terminology

Key Documents

- D8196 Standard Practice for Determination of Water Activity (aw) in Cannabis Flower
- D8197 Standard Specification for Maintaining Acceptable Water Activity (aw) Range (0.55 to 0.65) for Dry Cannabis Flower
- D8219 Standard Practice for the Cleaning and Disinfection at a Cannabis Cultivation Center
- D8233 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 Standard Guide for Disposal of Cannabis Raw Materials and Downstream Products Containing Resin
- D8250 Standard Practice for Implementing and Managing Hazard Analyses Critical Control Points (HACCP) Systems for extracted and infused products within the Cannabis Industry
- D8229 Standard Practice for Quality Management System (QMS) on Corrective Action Preventive Action (CAPA) for Cannabis Cultivation, Processing, Manufacturing, Testing, and Distribution



Quick Facts

Established 2017

Number of Members 920+

Number of Standards 16

Global Participation

31 Countries represented

Published standards will be available in

Volume 15.10 in the Annual Book of ASTM Standards

Meetings D37 meets twice each year, in January and June

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Work Items in Development

Subcommittee D37.01 on Horticulture and Agriculture

- WK63517 Standard Practice for Determining Evapotranspiration Rates and Lighting Requirements for Indoor Agricultural Facilities
- WK64171 Standard Guide for Indoor and Outdoor Horticultural Lighting
- WK64948 Standard Practice for the Genetic Tracking of Cannabis Biomass

Subcommittee D37.02 on Quality Management Systems

- WK61355 Establishing an Effective Quality Management System (QMS) in the Cannabis Industry
- WK62845 Standard Practice for Standard Operating Procedures and Records for a Cannabis Quality System
- WK63546 Standard Practice for Developing Recall/Removal Procedures for Products in the Cannabis Industry
- WK66158 Food Safety Systems for Agricultural Cannabis Operations
- WK67088 Cannabis Operation Compliance Audits
- WK67367 Auditing and Self Inspection in the Cannabis Industry
- WK67458 Cannabis Product Complaints

Subcommittee D37.03 on Laboratory

- WK65014 Analyses of Terpenes in Cannabis using Gas Chromatography-tandem Mass Spectrometry (GC-MS/MS)
- WK65015 Analyses of Trace Elements in Cannabis by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)
- WK65018 Analysis of Class 2 Residual Solvents in Cannabis Oil
- WK65194 Stability Testing Standard Guide for Cannabis Products

- WK65402 Determination of Cannabinoids in thermally prepared food products (edibles) using Thermal desorption Gas chromatography/mass spectrometry (TD-GC/MS) or Gas chromatography flame ionization detector (GC/FID)

- WK66055 Cannabis Stability Plans
- WK66628 Assay for real-time stability of cannabis products for inhalation.

- WK66709 Real time storage of cannabis products for inhalation

Subcommittee D37.04 on Processing and Handling

- WK60043 Standard Guide for Qualitative and Quantitative Standards of Products Resulting from the Processing of Cannabis Raw Materials and Manufactured from these Derivatives
- WK60434 Standard Guide for the Use of Cannabis Extraction Equipment
- WK60435 Standard Guide for Using Solvent Based Cannabis Extraction Equipment
- WK60643 Standard Practice for the Development and Functionality of Pressurized Metered Dose Inhalers (pMDI) for the Cannabis

- WK61239 Standard Guide for Techniques for the Refinement of Cannabis Extracts.

Subcommittee D37.05 on Security and Transportation

- WK61980 Standard Practice for the Use of Video Surveillance System
- WK61983 Standard Practice for the Use Access Control System (ACS)
- WK61984 Standard Practice for Using Intrusion Detection System (IDS)
- WK65749 Standard Practice for Transportation Security related to Cannabis

Subcommittee D37.06 on Personnel Training, Assessment, Credentialing

- WK61961 Standard Practice for Certificate Programs for the Cannabis Industry
- WK65011 Training and Certification for Multiple Roles and Vocations Within the Cannabis Industry

Subcommittee D37.07 on Industrial Hemp

- WK67891 Minimum Food Safety and Quality of Whole Nutritional Cannabis (Hemp) Seed/Grain Intended for Human/Animal Consumption
- WK67893 Sampling of Bulk Nutritional Cannabis (Hemp) Seed/Grain
- WK67894 Measuring the Moisture Content of Bulk Nutritional Cannabis (Hemp) Seed/Grain Using a Labtronics Model 919 Moisture Meter
- WK67896 Whole Nutritional Cannabis (Hemp) Seed/grain for Human/Animal Consumption
- WK67898 Assessing Spoilage Through Analysis of Discolored Nutritional Cannabis (Hemp) Seed/Grain Kernels Using a Spoilage Indicator Color Scale

- WK68001 Sampling of Hemp Plants for testing.

- WK68002 Separation/isolation or quarantining and legal diversion of nonconforming substances of hemp plants during processing

Subcommittee D37.08 on Devices and Appliances

- WK70325 Standard Classification for Personal Cannabis Flower Growing Appliances
- WK70326 Standard Classification of Cannabis Flower Vaporizers
- WK70327 Standard Classification of Extract Vaporizers