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Standard Guide for Cleaning and Disinfection at a Cannabis Cultivation Center¹

This standard is issued under the fixed designation D8219; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 The purpose of this guide is to provide a collection of information and a range of options for cleaning and disinfecting a cannabis cultivation center, including the prevention of hazards such as: disease, pests, and contamination.

1.2 This guide addresses techniques and considerations for cleaning, as well as information on disinfection products and techniques.

1.3 This guide is not intended for stewardship of cleaning and housekeeping operations. Refer to Guide E1971 for more information on general janitorial type cleaning.

1.4 This guide does not recommend a specific course of action due to the wide variety of circumstances and differences from one cultivation center to another. As such, it is not possible to describe a set of universal steps that will always be performed (that is, a standard practice); therefore, the user of this guide must decide what is appropriate for a given situation or location.

1.5 This guide offers an organized collection of information or a series of options and does not recommend a specific course of action. This document cannot replace education or experience and should be used in conjunction with professional judgment. Not all aspects of this guide may be applicable in all circumstances. This ASTM standard is not intended to represent or replace the standard of care by which the adequacy of a given professional service must be judged, nor should this document be applied without consideration of a project's many unique aspects. The word "Standard" in the title of this document means only that the document has been approved through the ASTM consensus process.

1.6 *Units*—The values stated in SI units are to be regarded as the standard. No other units of measurement are included in this standard.

1.7 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appro-*

priate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.

1.8 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 ASTM Standards:²

D5791 Guide for Using Probability Sampling Methods in Studies of Indoor Air Quality in Buildings

D7338 Guide for Assessment Of Fungal Growth in Buildings

D7391 Test Method for Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy

D7788 Practice for Collection of Total Airborne Fungal Structures via Inertial Impaction Methodology

D7910 Practice for Collection of Fungal Material From Surfaces by Tape Lift

E1971 Guide for Stewardship for the Cleaning of Commercial and Institutional Buildings

E2590 Guide for Conducting Hazard Analysis-Critical Control Point (HACCP) Evaluations

E2614 Guide for Evaluation of Cleanroom Disinfectants

E3106 Guide for Science-Based and Risk-Based Cleaning Process Development and Validation

F3127 Guide for Validating Cleaning Processes Used During the Manufacture of Medical Devices

3. Terminology

3.1 Definitions of Terms Specific to This Standard:

3.1.1 *biosecurity, n*—preventative measures designed to protect crops and property from the entry and spread of pests and diseases.

3.1.2 *cleaning, v*—physical removal of dirt, debris, and other potential contaminants to the extent necessary for further processing or intended use.

¹ This guide is under the jurisdiction of ASTM Committee D37 on Cannabis and is the direct responsibility of Subcommittee D37.01 on Indoor and Outdoor Horticulture and Agriculture.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.