



Designation: **E2329–14** E2329 – 17

## Standard Practice for Identification of Seized Drugs<sup>1</sup>

This standard is issued under the fixed designation E2329; 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 reappraisal. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reappraisal.

### 1. Scope

1.1 This practice describes minimum criteria for the qualitative analysis (identification) of seized drugs.

1.2 Listed are a number of analytical techniques for the identification of seized drugs. These techniques are grouped on the basis of their discriminating power. Analytical schemes based on these groupings are described.

1.3 Additional information is found in Guides [E1968](#), [E1969](#), [E2125](#), and [E2548](#) and Practices [E2326](#), [E2327](#), [E2549](#), and [E2764](#).

1.4 ~~This practice does not replace knowledge, skill, ability, experience, education or training and should be used in conjunction with professional judgment.~~ standard should be used in conjunction with sound professional judgment, and cannot replace knowledge, skill, or ability acquired through appropriate education, training, and experience.

1.5 *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 appropriate ~~safety~~ safety, health, and health environmental practices and determine the applicability of regulatory limitations prior to use.*

1.6 *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:*<sup>2</sup>

[E1968](#) Guide for Microcrystal Testing in Forensic Analysis of Cocaine

[E1969](#) Guide for Microcrystal Testing in Forensic Analysis of Methamphetamine and Amphetamine

[E2125](#) Guide for Microcrystal Testing in Forensic Analysis of Phencyclidine and Its Analogues

[E2326](#) Practice for Education and Training of Seized-Drug Analysts [17](#)

[E2327](#) Practice for Quality Assurance of Laboratories Performing Seized-Drug Analysis [0e722b868b/astm-e2329-17](#)

[E2548](#) Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis

[E2549](#) Practice for Validation of Seized-Drug Analytical Methods

[E2764](#) Practice for Uncertainty Assessment in the Context of Seized-Drug Analysis

2.2 *Other Document:*

[SWGDRUG](#) Scientific Working Group for the Analysis of Seized Drugs—Recommendations for: Education and Training, Quality Assurance, Methods of Analysis<sup>3</sup>

### 3. Terminology

3.1 *Definitions*—Terms that may assist in interpreting this practice are found in the SWGDRUG ~~glossary~~ Glossary of Terms and Definitions, Annex A.<sup>3</sup>

### 4. Significance and Use

4.1 These are minimum requirements applicable to the identification of seized drugs.

<sup>1</sup> This practice is under the jurisdiction of ASTM Committee [E30](#) on Forensic Sciences and is the direct responsibility of Subcommittee [E30.01](#) on Criminalistics. Current edition approved Dec. 1, 2014/Oct. 1, 2017. Published December 2014/October 2017. Originally approved in 2004. Last previous edition approved in 2010/2014 as [E2329 – 10](#)/[E2329 – 14](#). DOI: [10.1520/E2329-14](#)/[10.1520/E2329-17](#).

<sup>2</sup> 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.

<sup>3</sup> Available from the Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG), [http://www.swgdrug.org](#) [http://www.swgdrug.org/approved.htm](#).