



### **A101 The Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG)**

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The goal of this presentation is to update forensic drug analysts on recent work products from SWGDRUG.

This presentation will impact the forensic science community by providing the current work products by SWGDRUG as it relates to the analysis of seized drugs.

Currently, SWGDRUG is working on the following topics:

- Examples for the estimation of uncertainty of measurement in purity determinations
- Developing standard training competencies
- New initiatives such as: providing a searchable mass spectral database; development of a measurement uncertainty calculator; new section on website documenting method limitations; etc.

In past presentations to the American Academy of Forensic Sciences, a synopsis of the history of SWGDRUG and goals of the core committee have been presented. This year's presentation will focus on the specifics described above. However, the following information is presented here for those unfamiliar with the SWGDRUG process. SWGDRUG has been in existence since 1997. The mission of SWGDRUG is to recommend minimum standards for the forensic examination of seized drugs and to seek their international acceptance.

The objectives of SWGDRUG are the following:

- Specifying requirements for forensic drug practitioners' knowledge, skill and abilities;
- Promoting professional development; Providing a means of information exchange within the forensic science community;
- Promoting ethical standards of practitioners; Providing minimum standards for drug examinations and reporting;
- Establishing quality assurance requirements;
- Considering relevant international standards; and
- Seeking international acceptance of SWGDRUG recommendations.

The SWGDRUG core committee is comprised of representatives from federal, state, and local law enforcement agencies in the United States, Canada, Great Britain, Germany, Japan, Austria, Switzerland, Australia, the European Network of Forensic Science Institutes (ENFSI), the United Nations Drug Control Program (UNDCP), forensic science educators, the American Society of Crime Laboratory Directors (ASCLD), American Society for Testing and Materials (ASTM), and the National Institute of Standards and Technology (NIST). Published recommendations are available on the SWGDRUG website located at: [www.swgdrug.org](http://www.swgdrug.org).

**Criminalistics, SWGDRUG, Drug Analysis**