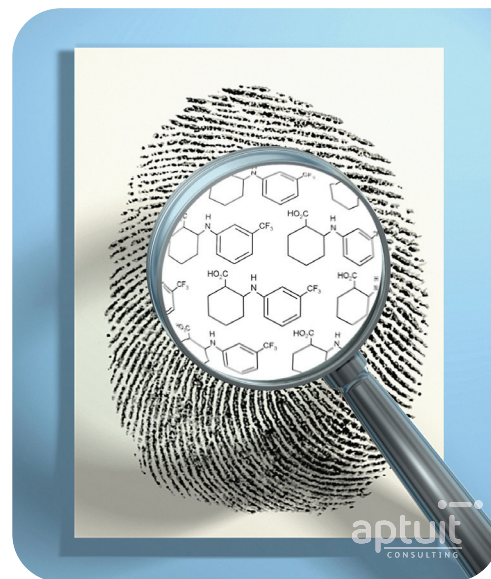


## Consulting Factsheet

### Counterfeit and Tamper Analysis



The number of counterfeit pharmaceutical products on the market worldwide is rising rapidly. Counterfeit pharmaceuticals endanger the health of patients who rely on them and cost the pharmaceutical industry \$46 billion a year.<sup>1</sup>

Aptuit Consulting is dedicated to supporting pharmaceutical companies worldwide in developing counterfeit and tamper analysis programs that enable the ready detection of suspect materials. Our consultants will work with corporate security, management, and legal teams to ensure that the program developed for each product is tailored to meet your needs.

#### Aptuit Consulting provides:

- Development of discriminant analysis models in order to identify authentic and/or counterfeit drug products. Discriminant model generation utilizes:
  - a multi-disciplinary approach
  - advanced analytical techniques
  - advanced data processing
- Analysis of suspect material by the uniquely developed discriminant analysis models. Results of the analyses provide the client with a:
  - classification of the suspect material as either authentic or counterfeit
  - confidence value placed upon the analytical assessment
- Expert witnessing (testifying and consulting) for litigation

#### Advantages of working with Aptuit Consulting include:

- Ultra-rapid sample analysis
- Physical and chemical characterization capabilities
- Wide variety of analytical technologies (IR, Raman, ssNMR, GC, LC-MS, NIR, EDX, XRPD)
- FDA audited laboratory operating under cGMP
- Rigorous chain-of-custody procedures utilizing a Laboratory Information Management System (LIMS)

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<sup>1</sup> Buzzeo, R. W., (October 5, 2005). Counterfeit Pharmaceuticals and the Public Health. The Wall Street Journal Online. Retrieved March 22, 2007, from <http://www.careerjournal.com/columnists/managersjournal/20051005-managersjournal.html>