

Issues Pertaining to Monitoring the Abuse of Amphetamines in Workplace Drug Testing ^a

REFERENCE: Cody JT: Issues pertaining to monitoring the abuse of amphetamines in workplace drug testing; *Forensic Sci Rev* 6:81–96; 1994.

ABSTRACT: Literature pertaining to three potential problematic areas in forensic drug urinalysis of amphetamines is reviewed. The first topic involves analytical artifacts causing false positive results for methamphetamine, as well as approaches to instrumental and chemical resolutions. The second topic addresses enantiomeric compositions, including sources, analytical approaches, metabolic mechanisms, and interpretation criteria. The third topic is concerned with legal and illicit drugs that may produce amphetamine or methamphetamine as metabolites, and relevant information regarding interpretation of these results.

KEY WORDS: Amphetamine, enantiomer, false positive, methamphetamine, precursor.
