

Synthetic Drug Testing: K2/Spice

Overview: Synthetic Cannabinoids mimic the main ingredient found in marijuana. Typical, synthetic cannabinoids are sold as a dried plant material that have been sprayed with a synthetic additive. This synthetic stimulant does not contain cannabis but it does produce a euphoric, psychoactive effect. The created effect can be between 4 and 50 times more potent than marijuana.

Street names:

- Bliss
- Fake Weed
- Spice
- Black Mamba
- K2 (K3,K4)
- Yucatan Fire

Looks like: K2 is normally sold in small, silvery plastic bags of dried leaves and marketed as incense that can be smoked. It is said to resemble potpourri.

Methods of abuse: Usually smoked or ingested.

Affect on mind: Psychological effects are similar to those of marijuana and include paranoia, panic attacks, and giddiness.

Affect on body: Physiological effects of K2 include increased heart rate and increase of blood pressure. It appears to be stored in the body for long periods of time, and therefore the long-term effects on humans are not fully known.

Drugs causing similar effects: Marijuana



Legal status in the United States: Since 2011, several synthetic stimulants have been placed on Schedule 1 of the CSA, making their possession and sale illegal. By the end of 2012, 41 states had laws impacting herbal incenses/synthetic marijuana. Between 2011—2012 many states have created broadly worded statuses banning classes of compounds.

Texas MedClinic is providing the information regarding legal status of synthetic stimulants for informational purposes only. It is not legal advice or opinion. Any disciplinary action or questions regarding synthetic drug testing should be addressed with your company's legal council.

Testing: Our laboratory's scientific experts monitor the changing list of the most detected synthetic cannabinoid compounds and adjust the synthetic marijuana test panel accordingly. *This means that no test can say with 100% certainty that your employee did not use synthetic marijuana.* Your employee may have used a substance that is not yet included in the drug test panel.

Texas MedClinic offers a Synthetic Marijuana panel: \$82 (includes confirmation)

- Screens for the most prevalent federally banned substances (JWH-018/073/200) PLUS additional substances as discovered
- More positives are likely to occur with those substances that are not federally banned
- Results in 5-7 Business days
- Urine Specimen collection

**Contact Business Development/Marketing Department
for more information or to add this panel to your protocol:
San Antonio / New Braunfels area: 210.349.5577
Austin / San Marcos area: 512.486.6110**

Synthetic Drug Testing: Bath Salts

Overview: Synthetic stimulants that are marketed as “bath salts” or “plant food” first emerged as a trend in 2004. The DEA describes these synthetic stimulants as a cross between methamphetamine and LSD. “Bath salts” contain stimulants such as alpha-PVP, Butylone, Flephedrone, Mephedrone, Methedrone, methylone, MDPV and others.

Street names:

- Bloom
- Cloud Nine
- Ivory Wave
- Meow Meow
- Red Dove
- Vanilla Sky

Looks like: “Bath salt” stimulant products are sold in powder form in small plastic or foil packages of 200 and 500 milligrams under various brand names.

Methods of abuse: Usually inhaled, ingested or injected.

Affect on mind: People who abuse these substances have reported agitation, insomnia, irritability, dizziness, depression, paranoia, delusions, suicidal thoughts, seizures, and panic attacks. Users have also reported effects including impaired perception of reality, reduced motor control, and decreased ability to think clearly.

Affect on body: Cathinone derivatives act as central nervous system stimulants causing rapid heart rate (which may lead to heart attacks and strokes), chest pains, nosebleeds, sweating, nausea, and vomiting.

Drugs causing similar effects: Amphetamines, Cocaine, LSD, and MDMA

Legal status in the United States: Since 2011, several synthetic stimulants have been placed on Schedule 1 of the CSA, making their possession and sale illegal. By the end of 2012, 41 states had laws impacting herbal incenses/synthetic marijuana. Between 2011—2012 many states have created broadly worded statuses banning classes of compounds.

Texas MedClinic is providing the information regarding legal status of synthetic stimulants for informational purposes only. It is not legal advice or opinion. Any disciplinary action or questions regarding synthetic drug testing should be addressed with your company's legal council.

Testing: Our laboratory's scientific experts monitor the changing list of the most detected synthetic cannabinoid compounds and adjust the synthetic marijuana test panel accordingly. *This means that no test can say with 100% certainty that your employee did not use “Bath Salts”.* Your employee may have used a substance that is not yet included in the drug test panel.

Texas MedClinic offers the following test: \$82 (includes confirmation)

- Screens for federally banned substances
- Results in 5-7 business days
- Urine Specimen Collection

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