

K2/Spice Drug Testing



SYNTHETIC MARIJUANA

Simply put, synthetic marijuana is a questionable (at best) concoction of man-made psychoactive chemicals sprayed on dried plant material. These psychoactive chemicals are meant to mimic the effects of THC, the active ingredient found in real marijuana. Often referred to as “fake weed”, synthetic marijuana is sold in \$30-\$50 foil packets and are easy enough to find in gas stations, smoke shops or convenience stores. Marketed as a “safe” alternative to marijuana which is a Schedule I drug under the Controlled Substances Act, these things have successfully avoided regulation by simply being labeled “Not Safe for Human Consumption”. Synthetic marijuana is far from safe. They are actually more powerful than the real thing – with severe and unpredictable side effects that are dangerous and sometimes life threatening.

SCREENING CUT-OFF AND DETECTION TIME

| | GC/MS Cut-off | Approx. Detection Time |
|-----------------|---------------|------------------------|
| Urine Drug Test | 25 ng/ml | Up to 72hrs after use |

DEA DRUG CLASS

Synthetic marijuana is classified under Schedule I of the Controlled Substances Act which lists drugs, substances or chemicals that have a high potential for abuse with no current medical use. Examples of other drugs in this class are: ecstasy, heroin, LSD, methaqualone, and peyote.

K2 SPICE DRUG TYPE

Synthetic marijuana is a stimulant. While natural marijuana is classified as a mild hallucinogen-depressant and depending on a person’s response to it, synthetic marijuana without question is an exceptionally powerful stimulant with serious and often severe side effects because of its largely unknown composition of dangerous and unstable chemicals.

K2 SPICE SYNTHETIC MARIJUANA COMPOUNDS TESTED

Confirm BioSciences K2/Spice on-site test is the most sensitive K2 spice drug test on the market, with the lowest cut-off level (25 ng/ml) for compounds used in the majority of synthetic marijuana products.

| NAME | COMPOUNDS DETECTED BY THE CONFIRM BIOSCIENCES K2 TEST |
|---------|--|
| JWH-018 | N-propanoic acid |
| JWH-018 | 5-pentanoic acid metabolite |
| JWH-018 | N-4-hydroxypenty |
| JWH-018 | N-5-hydroxypentyl |
| JWH-019 | 6-hydroxyhexyl |
| JWH-019 | 5-hydroxyhexyl |
| JWH-073 | 4-butanoic acid metabolite |
| JWH-073 | N-2-hydroxybutyl |
| JWH-073 | N-4-hydroxybutyl |
| JWH-122 | N-4-hydroxypentyl |
| JWH-122 | N-5-hydroxypentyl |
| JWH-200 | 6-hydroxyindol |
| JWH-210 | N-(5-carboxypentyl) metabolite C26H25NO3 |
| JWH-398 | N-pentanoic acid metabolite |
| MAM2201 | N-pentanoic acid metabolite |
| RCS-4 | N-(5-carboxypentyl) metabolite C21H21NO4 |
| JWH-081 | 4-methoxynaphthalen-1-yl-(1-pentylindol-3-yl)methanone |
| JWH-250 | 2-(2-methoxyphenyl)-1-(1-pentylindol-3-yl)ethanon |



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