



SAFE life™

New Items & Cutoffs

- **New Items:** HMO300, PGB500, GAB2000, LSD20

HMO300 - New item!



Hydromorphone (HMO) belongs to a class of drugs called "opioids," which includes morphine. It has an analgesic potency of two to eight times greater than that of morphine and has a rapid onset of action. Acute overdose of hydromorphone can produce: Severe respiratory depression, drowsiness progressing to stupor or coma, lack of skeletal muscle tone, cold and clammy skin, constricted pupils, and reduction in blood pressure and heart rate. Severe overdose may result in death due to respiratory depression.

PGB500 - New item!



Pregabalin (PGB) is an anticonvulsant, analgesic and anxiolytic medication used to treat epilepsy, neuropathic pain, fibromyalgia, restless leg syndrome, opioid withdrawal and generalized anxiety disorder (GAD). Common side effects include headache, dizziness, sleepiness, confusion, trouble with memory, poor coordination, dry mouth, problem with vision, and weight gain. Serious side effects may include angioedema, drug misuse, and an increased suicide risk. When pregabalin is taken at high doses over a long period of time, addiction may occur.

GAB2000 - New item!



Gabapentin (GAB) is from a group of medicines called anticonvulsant used to treat partial seizures, nerve pain from shingles and restless leg syndrome. It works on the chemical messengers in your brain and nerves. Many people use gabapentin for legitimate medical conditions, but some people become addicted to the drug and may misuse it. Frequent use of gabapentin can lead to physical dependence on the drug. This occurs when the body becomes accustomed to the substance and requires it in order to function normally. Physical dependence is a normal bodily response when taking a drug regularly.

LSD20 - New item!



Lysergic acid diethylamide (LSD), first synthesized in 1938, is a potent hallucinogen (a kind of drug making you hallucinate) that has a high potential for abuse. DEA classified LSD as Schedule I, meaning it has a high potential for abuse, has no currently accepted medical treatments, and has a lack of accepted safety for use under medical supervision. It may cause dilated pupils, higher body temperature, increased heart rate and blood pressure to abuse LSD. The ability to make sound judgments and see common dangers is impaired, making the user susceptible to personal injury.

Forensic Use Only



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- **New Cutoffs:** BUP5, TRA100, KRA100, THC15

BUP5 - New Cutoff Available



Buprenorphine (BUP) is an opioid used to treat opioid use disorder, acute pain, and chronic pain. It can be used under the tongue (sublingual), in the cheek (buccal), by injection (intravenous and subcutaneous), as a skin patch (transdermal), or as an implant. Side effects may include respiratory depression (decreased breathing), sleepiness, adrenal insufficiency, QT prolongation, low blood pressure, allergic reactions, constipation, and opioid addiction.

TRA100 - New Cutoff Available



Tramadol (TRA) is a strong pain medication used to treat moderate to severe pain that is not being relieved by other types of pain medicines. Tramadol is a synthetic opioid and acts in the brain and spine (central nervous system) to reduce the amount of pain you feel. As is typical of opioids, common side effects include constipation, itchiness, and nausea. Serious side effects may include hallucinations, seizures, increased risk of serotonin syndrome, decreased alertness, and drug addiction.

KRA100 - New Cutoff Available



Kratom (KRA) is the name of a tropical tree native to Southeast Asia. Consumption of its leaves produces both stimulant effects in low doses and sedative effects in high doses, and can lead to psychotic symptoms, and psychological and physiological dependence. Mild side effects include nausea, constipation, dizziness and drowsiness. There are also a wide range of rare but serious adverse effects like mental and neurological symptoms (confusion, tremors and seizures), heart and lung problems (high blood pressure and slow breathing), gastrointestinal problems (nausea and vomiting) and liver problems.

THC15 - New Cutoff Available



Marijuana (THC) refers to the dried leaves, flowers, stems, and seeds from the Cannabis sativa or Cannabis indica plant. The plant contains the mind-altering chemical THC and other similar compounds. Marijuana is the most commonly used addictive drug after tobacco and alcohol. Over seven million Americans using pot at least once a month. Over 20% of American adults use marijuana at least

Ultra sensitivity of 15ng/ml as the same cutoff of confirmatory test guided by SMAHSA

Forensic Use Only:

Forensic Use Only means that a drug testing device is not FDA 510k cleared and are only to be used for or by governmental entities. F.U.O devices may only be used by companies or agencies associated with the criminal justice system which include but are not limited to: court systems, police departments, probation/parole offices, juvenile detention centers, prisons, jails, correction centers and other similar law enforcement entities, or any laboratory performing forensic testing for these entities.

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