

Synthetic Urine

Health & Safety Information

This product is intended for use by technically qualified personnel. Full EHS information can be found in the Material Safety Data Sheet (MSDS).

Under current guidelines for drug testing, blind controls must be provided to testing laboratories in accordance with established requirements for maintaining quality assurance in testing programs. Current suppliers of control urines provide authentic urine specimens that must be handled as potentially hazardous biological fluids. Our synthetic urine makes the need for special handling unnecessary and can provide a control urine specimen as easily as dissolving a packet into 60mL of water in a urine cup. Control urines can now even be made at the collection site.

Because synthetic urine has an indefinite shelf life, it is excellent for laboratory use when a guaranteed drug free urine standard is required on the spot.

Instructions

1. Fill a urine specimen cup with 60mL of water.
2. Add the packet to the cup of water. Cover with cap. Shake or swirl until completely dissolved (usually about 1 or 2 minutes).
3. Label the cup with the appropriate information and send to the laboratory with the proper chain of custody/control document.

Synthetic urine has been specifically formulated to pass the most common parameters for adulteration testing, such as pH, specific gravity, and creatinine. The suitability of this material for blank controls has been verified by an independent drug testing laboratory, as shown below.

Adulteration Panel 1		
		Reference Range
Creatinine	237	20mg/dL or greater
pH	4.3	4.0-9.0
Specific Gravity	1.010	1.003-1.030

DOT Forensic Panel 1			
Test Name	Results	Initial Test Level (ng/mL)	Confirm Test Level (ng/mL)
Amphetamines	Negative	1000	500
Cocaine Metabolites	Negative	300	150
Opiate Metabolites	Negative	300	300
Phencyclidine (PCP)	Negative	25	25
Marijuana Metabolites (THC)	Negative	100	15

Packet-to-packet consistency has also been evaluated:

	Creatinine (mg/dL)	Specific Gravity	pH
Average (n = 10)	122.5	1.011	4.09
Standard Deviation	6.6	0.0003	0.01
CV (%)	5.4	0.03	0.29

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Description	Part No.
Synthetic Urine*, 5/pkg	13015

*dry, granular material sealed in polypropylene packets.

www.discoverysciences.com

Grace Davison Discovery Sciences • 2051 Waukegan Road • Deerfield, IL 60015
 Telephone: 847.948.8600 • Fax: 847.948.1078 • E-mail: contact.alltech@grace.com

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