

**Mass Spect Gold Human Urine, Ultra-Low Hormones & Steroids, Toxicology Neg.**  
**Catalog Number: MSG5000**      **Lot Number: <Lot Specific>**

Storage: -20 °C  
 Country of Origin: USA  
 Filtration: 0.2µm

Expiration Date: <Lot Specific>  
 Source: Human Urine  
 Manufacture Date: <Lot Specific>

### Product Performance Specifications

The following analytes screened by LC/TOF-MS, results are None Detected:

| Analyte                 | Limit of Detection | Analyte                     | Limit of Detection | Analyte                     | Limit of Detection |
|-------------------------|--------------------|-----------------------------|--------------------|-----------------------------|--------------------|
| 10-Hydroxycarbazepine   | 30 mcg/mL          | Buspirone                   | 250 ng/mL          | Dextrorphan / Levorphanol   | 1000 ng/mL         |
| 1-Hydroxymidazolam      | 100 ng/mL          | Carbamazepine               | 2.0 mcg/mL         | Diazepam                    | 250 ng/mL          |
| 4-ANPP                  | 1.0 ng/mL          | Carbamazepine-10,11-Epoxide | 10 mcg/mL          | Diclozepam                  | 200 ng/mL          |
| 6-Beta-Naltrexol - Free | 100 ng/mL          | Carfentanil                 | 1 ng/mL            | Dicyclomine                 | 1000 ng/mL         |
| 6-Monoacetylmorphine    | 20 ng/mL           | Carisoprodol                | 2.0 mcg/mL         | Dihydrocodeine / Hydrocodol | 100 ng/mL          |
| 7-Amino Clonazepam      | 100 ng/mL          | Chlordiazepoxide            | 500 ng/mL          | Diltiazem                   | 1000 ng/mL         |
| 9-Hydroxyrisperidone    | 50 ng/mL           | Chlorpheniramine            | 100 ng/mL          | Diphenhydramine             | 500 ng/mL          |
| Acetyl Fentanyl         | 5 ng/mL            | Chlorpromazine              | 0.2 mcg/mL         | Donepezil                   | 100 ng/mL          |
| Alfentanil              | 100 ng/mL          | Citalopram / Escitalopram   | 1000 ng/mL         | Doxepin                     | 250 ng/mL          |
| Alpha-Hydroxyalprazolam | 200 ng/mL          | Clobazam                    | 500 ng/mL          | Doxylamine                  | 1000 ng/mL         |
| Alpha-Hydroxyetizolam   | 50 ng/mL           | Clomipramine                | 500 ng/mL          | EDDP                        | 500 ng/mL          |
| Alprazolam              | 100 ng/mL          | Clonazepam                  | 50 ng/mL           | Ephedrine                   | 2500 ng/mL         |
| Amitriptyline           | 500 ng/mL          | Clonidine                   | 50 ng/mL           | Eszopiclone / Zopiclone     | 100 ng/mL          |
| Amlodipine              | 5.0 ng/mL          | Clozapine                   | 500 ng/mL          | Etizolam                    | 20 ng/mL           |
| Amoxapine               | 500 ng/mL          | Cocaethylene                | 200 ng/mL          | Fentanyl                    | 10 ng/mL           |
| Amphetamine             | 100 ng/mL          | Cocaine                     | 200 ng/mL          | Flecainide                  | 2.5 mcg/mL         |
| Atomoxetine             | 1000 ng/mL         | Codeine                     | 100 ng/mL          | Flubromazepam               | 200 ng/mL          |
| Atropine                | 10000 ng/mL        | Cotinine                    | 2000 ng/mL         | Flubromazolam               | 50 ng/mL           |
| Benzoylcegonine         | 1000 ng/mL         | Cyclobenzaprine             | 200 ng/mL          | Flunitrazepam               | 50 ng/mL           |
| Benztrapine             | 1000 ng/mL         | Desalkylflurazepam          | 100 ng/mL          | Fluoxetine                  | 500 ng/mL          |
| Bromazepam              | 100 ng/mL          | Desipramine                 | 500 ng/mL          | Fluvoxamine                 | 2500 ng/mL         |
| Brompheniramine         | 100 ng/mL          | Desmethylclomipramine       | 500 ng/mL          | Glipzide                    | 4.0 mcg/mL         |
| Buprenorphine           | 10 ng/mL           | Desmethyldoxepin            | 250 ng/mL          | Guaifenesin                 | 50 mcg/mL          |
| Bupropion               | 250 ng/mL          | Dextro / Levo Methorphan    | 500 ng/mL          | Hydrocodone                 | 100 ng/mL          |



**Mass Spect Gold Human Urine, Ultra-Low Hormones & Steroids, Toxicology Neg.**  
**Catalog Number: MSG5000**      **Lot Number: <Lot Specific>**

|                    |        |                   |                |
|--------------------|--------|-------------------|----------------|
| Storage:           | -20 °C | Expiration Date:  | <Lot Specific> |
| Country of Origin: | USA    | Source:           | Human Urine    |
| Filtration:        | 0.2µm  | Manufacture Date: | <Lot Specific> |

The following analytes screened by LC/TOF-MS, results are None Detected:

| Analyte          | Limit of Detection | Analyte                | Limit of Detection | Analyte             | Limit of Detection |
|------------------|--------------------|------------------------|--------------------|---------------------|--------------------|
| Hydromorphone    | 20 ng/mL           | Mirtazapine            | 250 ng/mL          | Pheniramine         | 100 ng/mL          |
| Hydroxybupropion | 1000 ng/mL         | Mitragynine            | 100 ng/mL          | Phentermine         | 500 ng/mL          |
| Hydroxyzine      | 250 ng/mL          | Morphine               | 100 ng/mL          | Phenylpropanolamine | 2500 ng/mL         |
| Imipramine       | 250 ng/mL          | Naloxone               | 10 ng/mL           | Promethazine        | 50 ng/mL           |
| Ketamine         | 100 ng/mL          | Naltrexone             | 10 ng/mL           | Pseudoephedrine     | 2500 ng/mL         |
| Lacosamide       | 10 mcg/mL          | Naproxen               | 50 mcg/mL          | Psilocin            | 100 ng/mL          |
| Lamotrigine      | 2.0 mcg/mL         | Norbuprenorphine       | 20 ng/mL           | Quetiapine          | 1000 ng/mL         |
| Levamisole       | 2.5 mcg/mL         | Norclozapine           | 250 ng/mL          | Quinine             | 2000 ng/mL         |
| Levetiracetam    | 50 mcg/mL          | Nordiazepam            | 200 ng/mL          | Risperidone         | 50 ng/mL           |
| Lidocaine        | 2.0 mcg/mL         | Norfentanyl            | 10 ng/mL           | Sertraline          | 100 ng/mL          |
| Lorazepam        | 50 ng/mL           | Norflunitrazepam       | 200 ng/mL          | Sildenafil          | 500 ng/mL          |
| LSD              | 20 ng/mL           | Norfluoxetine          | 1000 ng/mL         | Strychnine          | 100 ng/mL          |
| mCPP             | 0.5 mcg/mL         | Norketamine            | 200 ng/mL          | Sufentanil          | 10 ng/mL           |
| MDA              | 100 ng/mL          | Normeperidine          | 1.0 mcg/mL         | Tadalafil           | 500 ng/mL          |
| MDMA             | 100 ng/mL          | Norpseudoephedrine     | 2500 ng/mL         | Tapentadol          | 100 ng/mL          |
| Memantine        | 100 ng/mL          | Nortriptyline          | 500 ng/mL          | Temazepam           | 200 ng/mL          |
| Meperidine       | 1.0 mcg/mL         | O-Desmethyltramadol    | 250 ng/mL          | Tetrahydrozoline    | 10 ng/mL           |
| Meprobamate      | 10 mcg/mL          | O-Desmethylvenlafaxine | 500 ng/mL          | Theophylline        | 80 mcg/mL          |
| Mescaline        | 0.1 mcg/mL         | Olanzapine             | 50 ng/mL           | Thioridazine        | 100 ng/mL          |
| Mesoridazine     | 1000 ng/mL         | Oxazepam               | 200 ng/mL          | Topiramate          | 5000 ng/mL         |
| Metaxalone       | 2.5 mcg/mL         | Oxycodone              | 100 ng/mL          | Tramadol            | 200 ng/mL          |
| Methadone        | 500 ng/mL          | Oxymorphone            | 20 ng/mL           | Trazodone           | 1.0 mcg/mL         |
| Methylphenidate  | 100 ng/mL          | Paroxetine             | 200 ng/mL          |                     |                    |
| Metoprolol       | 20 ng/mL           | Phencyclidine          | 50 ng/mL           |                     |                    |



**Mass Spect Gold Human Urine, Ultra-Low Hormones & Steroids, Toxicology Neg.**  
**Catalog Number: MSG5000**      **Lot Number: <Lot Specific>**

|                    |        |                   |                |
|--------------------|--------|-------------------|----------------|
| Storage:           | -20 °C | Expiration Date:  | <Lot Specific> |
| Country of Origin: | USA    | Source:           | Human Urine    |
| Filtration:        | 0.2µm  | Manufacture Date: | <Lot Specific> |

The following analytes screened by LC/TOF-MS, results are None Detected:

| Analyte         | Limit of Detection | Analyte   | Limit of Detection | Analyte    | Limit of Detection |
|-----------------|--------------------|-----------|--------------------|------------|--------------------|
| Trimipramine    | 500 ng/mL          | Verapamil | 200 ng/mL          | Zaleplon   | 100 ng/mL          |
| Valerylferantyl | 5.0 ng/mL          | Warfarin  | 2.5 mcg/mL         | Zolpidem   | 100 ng/mL          |
| Venlafaxine     | 500 ng/mL          | Xylazine  | 50 ng/mL           | Zonisamide | 2.5 mcg/mL         |

The following analytes screened by GCMS, results are None Detected:

| Analyte               | Limit of Detection | Analyte           | Limit of Detection | Analyte       | Limit of Detection |
|-----------------------|--------------------|-------------------|--------------------|---------------|--------------------|
| Amobarbital           | 0.2 mcg/mL         | Dibutylone        | 50 ng/mL           | Phenazepam    | 100 ng/mL          |
| Butabarbital          | 0.2 mcg/mL         | MDEA              | 50 ng/mL           | Phenobarbital | 0.5 mcg/mL         |
| Butalbital            | 0.2 mcg/mL         | Methaqualone      | 0.1 mcg/mL         | Propoxyphene  | 0.1 mcg/mL         |
| Butorphanol           | 50 ng/mL           | N-ethyl Pentylone | 50 ng/mL           | Quinidine     | 250 ng/mL          |
| Butylone              | 50 ng/mL           | Norpropoxyphene   | 0.1 mcg/mL         | Secobarbital  | 0.2 mcg/mL         |
| Desmethyltrimipramine | 50 ng/mL           | Pentobarbital     | 0.2 mcg/mL         | Yohimbine     | 500 ng/mL          |

The following analytes screened by LCMS, results are None Detected:

| Analyte              | Limit of Detection | Analyte                | Limit of Detection | Analyte                       | Limit of Detection |
|----------------------|--------------------|------------------------|--------------------|-------------------------------|--------------------|
| 2-Furanylfentanyl    | 0.05 ng/mL         | D-Amphetamine          | 10 ng/mL           | Hydroxytriazolam              | 5 ng/mL            |
| 7-Amino Nitrazepam   | 2 ng/mL            | Delta-9-THC            | 5 ng/mL            | L-Amphetamine                 | 10 ng/mL           |
| Acrylfentanyl        | 0.05 ng/mL         | Delta-9-THC-COOH       | 5 ng/mL            | L-Methamphetamine             | 10 ng/mL           |
| Butyrylfentanyl      | 0.05 ng/mL         | D-Methamphetamine      | 10 ng/mL           | Nitrazepam                    | 2 ng/mL            |
| cis-3-Methylfentanyl | 0.05 ng/mL         | Estazolam              | 5 ng/mL            | para-fluoroisobutyrylfentanyl | 0.05 ng/mL         |
| Cyclopropylfentanyl  | 0.05 ng/mL         | Hydroxyethylflurazepam | 5 ng/mL            | trans-3- Methylfentanyl       | 0.05 ng/mL         |



# Mass Spect Gold Human Urine, Ultra-Low Hormones & Steroids, Toxicology Neg.

Catalog Number: MSG5000      Lot Number: <Lot Specific>

|                    |        |                   |                |
|--------------------|--------|-------------------|----------------|
| Storage:           | -20 °C | Expiration Date:  | <Lot Specific> |
| Country of Origin: | USA    | Source:           | Human Urine    |
| Filtration:        | 0.2µm  | Manufacture Date: | <Lot Specific> |

The following analytes screened by EIA, results are None Detected:

| Analyte         | Limit of Detection | Analyte                | Limit of Detection | Analyte       | Limit of Detection |
|-----------------|--------------------|------------------------|--------------------|---------------|--------------------|
| Amphetamines    | 500 ng/mL          | Cocaine / Metabolites  | 150 ng/mL          | Oxymorphone   | 100 ng/mL          |
| Barbiturates    | 0.3 mcg/mL         | Methadone / Metabolite | 300 ng/mL          | Phencyclidine | 25 ng/mL           |
| Benzodiazepines | 50 ng/mL           | Opiates                | 300 ng/mL          | Salicylates   | 120 mcg/mL         |
| Cannabinoids    | 50 ng/mL           | Oxycodone              | 100 ng/mL          |               |                    |

| Test    | Specifications | Methodology |
|---------|----------------|-------------|
| Ethanol | <10 mg/dL      | GC          |

## Testing

Donors have been tested and found negative or non-reactive for HIV 1/2, HBsAg, HCV, HIV-1 (NAT), HCV (NAT) and RPR by FDA Approved Methods.

## Caution

In-vitro use only. Products are intended for research or manufacturing of non-injectable products only. This material was tested as stated above in the testing section. Nevertheless, products of human origin should be considered potentially infectious and handled according to universal precautions. The safe and responsible handling of the product listed above is the responsibility of the customer. We accept no liability for injury or illness resulting from the use and/or handling of the product. The customer assumes responsibility for the proper disposal of all materials in accordance with Federal and State regulations.

## Warranty

Golden West Diagnostics, LLC makes no claim or warranty that this product will perform or is suitable for use in a customer's application. It is the customer's responsibility to evaluate and qualify the product's suitability for the customer's intended use or application. Furthermore, this product is a biological material and lots may vary so it is the customer's responsibility to determine if an evaluation of each lot is warranted.

