



Certificate of Analysis

Custom Standard

Product Number: CUS-12360

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Lot Number: CH-2014

Lot Issue Date: 21-Jun-2011

Expiration Date: 31-Oct-2011

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| Analyte | CAS# | Analyte Lot | True Value |
|--------------------------|-------------|-------------|-------------------|
| benzo[a]pyrene | 000050-32-8 | 03717JS | 501.8 ± 2.5 µg/mL |
| benzo[ghi]perylene | 000191-24-2 | ER041205-01 | 501.8 ± 2.5 µg/mL |
| benzo[k]fluoranthene | 000207-08-9 | ER061608-02 | 501.8 ± 2.5 µg/mL |
| chrysene | 000218-01-9 | ER081006-02 | 501.8 ± 2.5 µg/mL |
| dibenz[a,h]anthracene | 000053-70-3 | 29494-49 | 501.8 ± 2.5 µg/mL |
| hexachlorobenzene | 000118-74-1 | 04416KY | 501.7 ± 2.5 µg/mL |
| indeno[1,2,3-cd]pyrene | 000193-39-5 | ER082107-02 | 501.8 ± 2.5 µg/mL |
| anthracene | 000120-12-7 | 09924AJ | 501.8 ± 2.5 µg/mL |
| fluoranthene | 000206-44-0 | LB61080 | 501.8 ± 2.5 µg/mL |
| phenanthrene | 000085-01-8 | 1290378 | 501.8 ± 2.5 µg/mL |
| acenaphthylene | 000208-96-8 | ER030707-01 | 501.8 ± 2.5 µg/mL |
| fluorene | 000086-73-7 | 04003CK | 501.8 ± 2.5 µg/mL |
| pyrene | 000129-00-0 | ER050305-03 | 501.8 ± 2.5 µg/mL |
| benzo[b]fluoranthene | 000205-99-2 | ER022008-02 | 501.8 ± 2.5 µg/mL |
| benz[a]anthracene | 000056-55-3 | 34764-06 | 501.8 ± 2.5 µg/mL |
| bis(2-chloroethyl) ether | 000111-44-4 | BC-013187 | 502.3 ± 2.5 µg/mL |
| nitrobenzene | 000098-95-3 | DI-10604DI | 500.9 ± 2.5 µg/mL |
| hexachloroethane | 000067-72-1 | 12604HB | 501.1 ± 2.5 µg/mL |
| isophorone | 000078-59-1 | 10830MR | 500.0 ± 2.5 µg/mL |

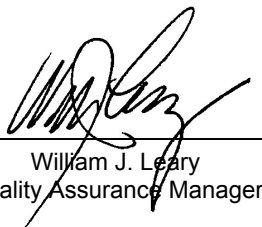
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William J. Leary
Quality Assurance Manager



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| | | | |
|------------------------------|-------------|------------|-------------------|
| bis(2-chloroethoxy)methane | 000111-91-1 | 428-12A | 501.3 ± 2.5 µg/mL |
| hexachlorobutadiene | 000087-68-3 | 339923/1 | 500.2 ± 2.5 µg/mL |
| hexachlorocyclopentadiene | 000077-47-4 | 03907AU | 500.5 ± 2.5 µg/mL |
| 2-chloronaphthalene | 000091-58-7 | FIJ02 | 501.1 ± 2.5 µg/mL |
| dimethyl phthalate | 000131-11-3 | D44220 | 501.2 ± 2.5 µg/mL |
| 2,6-dinitrotoluene | 000606-20-2 | 08328CR | 501.1 ± 2.5 µg/mL |
| 2,4-dinitrotoluene | 000121-14-2 | 18219TA | 501.7 ± 2.5 µg/mL |
| diethyl phthalate | 000084-66-2 | 09615KD | 501.0 ± 2.5 µg/mL |
| 4-chlorophenyl phenyl ether | 007005-72-3 | 04420PH | 501.5 ± 2.5 µg/mL |
| 4-bromophenyl phenyl ether | 000101-55-3 | 05819CO | 501.3 ± 2.5 µg/mL |
| di-n-butyl phthalate | 000084-74-2 | AC-011687 | 502.3 ± 2.5 µg/mL |
| butyl benzyl phthalate | 000085-68-7 | 05613ED | 501.6 ± 2.5 µg/mL |
| bis(2-ethylhexyl) phthalate | 000117-81-7 | D-22230 | 501.6 ± 2.5 µg/mL |
| di-n-octyl phthalate | 000117-84-0 | 0001418030 | 501.3 ± 2.5 µg/mL |
| bis(2-chloroisopropyl) ether | 000108-60-1 | 444-49A | 500.7 ± 2.5 µg/mL |
| naphthalene | 000091-20-3 | 14205KB | 501.8 ± 2.5 µg/mL |
| acenaphthene | 000083-32-9 | 29697-41 | 501.8 ± 2.5 µg/mL |
| 2-nitroaniline | 000088-74-4 | 13201TU | 500.7 ± 2.5 µg/mL |
| 4-nitroaniline | 000100-01-6 | KL-3926DK | 500.3 ± 2.5 µg/mL |

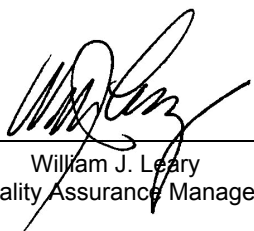
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| | | | |
|---------------------------|-------------|-------------|-------------------|
| 1,2-diphenylhydrazine | 000122-66-7 | 12927HN | 501.5 ± 2.5 µg/mL |
| benzyl alcohol | 000100-51-6 | 11713BN | 501.6 ± 2.5 µg/mL |
| 2,3,4,6-tetrachlorophenol | 000058-90-2 | ER100206-01 | 501.8 ± 2.5 µg/mL |
| 3-nitroaniline | 000099-09-2 | 03020DL | 501.8 ± 2.5 µg/mL |
| dibenzofuran | 000132-64-9 | 080477 | 500.3 ± 2.5 µg/mL |
| 1,2-dinitrobenzene | 000528-29-0 | 11417TY | 500.8 ± 2.5 µg/mL |
| 1,3-dinitrobenzene | 000099-65-0 | 10217DJ | 501.4 ± 2.5 µg/mL |
| 1,4-dinitrobenzene | 000100-25-4 | 00202TF | 500.4 ± 2.5 µg/mL |
| 1,2,4-trichlorobenzene | 000120-82-1 | 00334TQ | 501.1 ± 2.5 µg/mL |
| 1-methylnaphthalene | 000090-12-0 | 12114BE | 501.0 ± 2.5 µg/mL |
| 2-methylnaphthalene | 000091-57-6 | 15416DA | 502.5 ± 2.5 µg/mL |
| 1,2-dichlorobenzene | 000095-50-1 | 08946KY | 501.8 ± 2.5 µg/mL |
| 1,3-dichlorobenzene | 000541-73-1 | 05902LZ | 501.3 ± 2.5 µg/mL |
| 1,4-dichlorobenzene | 000106-46-7 | 22628EB | 500.3 ± 2.5 µg/mL |
| N-nitrosodi-n-propylamine | 000621-64-7 | FIM01 | 500.4 ± 2.5 µg/mL |
| N-nitrosodimethylamine | 000062-75-9 | 12070JS | 502.5 ± 2.5 µg/mL |
| carbazole | 000086-74-8 | CEE-III-129 | 501.1 ± 2.5 µg/mL |
| pyridine | 000110-86-1 | 18230HC | 1004 ± 5 µg/mL |
| aniline | 000062-53-3 | 3607BM | 501.5 ± 2.5 µg/mL |

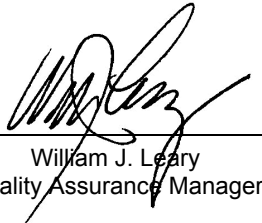
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| | | | |
|----------------------------|-------------|-------------|-------------------|
| 4-chloroaniline | 000106-47-8 | 01310MW | 500.4 ± 2.5 µg/mL |
| N-nitrosodiphenylamine | 000086-30-6 | 286003 | 500.5 ± 2.5 µg/mL |
| 2,4-dimethylphenol | 000105-67-9 | 010010 | 502.1 ± 2.5 µg/mL |
| 2,4-dinitrophenol | 000051-28-5 | CEE-III-130 | 501.8 ± 2.5 µg/mL |
| 4,6-dinitro-2-methylphenol | 000534-52-1 | 42136/4 | 500.1 ± 2.5 µg/mL |
| 4-nitrophenol | 000100-02-7 | 5518HE | 500.8 ± 2.5 µg/mL |
| 4-chloro-3-methylphenol | 000059-50-7 | 061687 | 502.1 ± 2.5 µg/mL |
| 2-chlorophenol | 000095-57-8 | 09624MH | 501.1 ± 2.5 µg/mL |
| 2,4-dichlorophenol | 000120-83-2 | 05729EZ | 500.4 ± 2.5 µg/mL |
| 2-nitrophenol | 000088-75-5 | N90025 | 501.8 ± 2.5 µg/mL |
| pentachlorophenol | 000087-86-5 | 07119HO | 502.3 ± 2.5 µg/mL |
| phenol | 000108-95-2 | 1373574 | 501.5 ± 2.5 µg/mL |
| 2,4,6-trichlorophenol | 000088-06-2 | 07509ME | 500.9 ± 2.5 µg/mL |
| 2,4,5-trichlorophenol | 000095-95-4 | 07521CO | 501.3 ± 2.5 µg/mL |
| 2-methylphenol | 000095-48-7 | 09416AA | 501.5 ± 2.5 µg/mL |
| 3-methylphenol | 000108-39-4 | 03517AG | 250.5 ± 1.3 µg/mL |
| 4-methylphenol | 000106-44-5 | 09410PI | 250.5 ± 1.3 µg/mL |
| n-octadecane | 000593-45-3 | 9203162 | 501.6 ± 2.5 µg/mL |
| n-decane | 000124-18-5 | 9401284 | 500.3 ± 2.5 µg/mL |

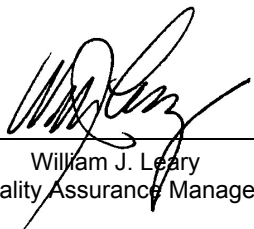
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|------------------------|-------------|----------|-------------------|
| alpha-terpineol | 010482-56-1 | 02402JY | 500.9 ± 2.5 µg/mL |
| acetophenone | 000098-86-2 | 07705JD | 502.3 ± 2.5 µg/mL |
| 2,3-dichloroaniline | 000608-27-5 | 04524HU | 501.7 ± 2.5 µg/mL |
| benzidine | 000092-87-5 | 068K1027 | 501.0 ± 2.5 µg/mL |
| 3,3'-dichlorobenzidine | 000091-94-1 | FCW01 | 501.5 ± 2.5 µg/mL |
| benzoic acid | 000065-85-0 | 00103JM | 501.2 ± 2.5 µg/mL |

Matrix: methylene chloride (dichloromethane)

Storage: Store at < 4°C.

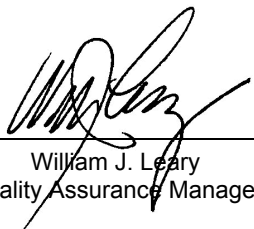
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