

**DEPARTMENT OF JUSTICE**

**Drug Enforcement Administration**

**Manufacturer of Controlled Substances; Notice of Registration; Cayman Chemical Company**

By Notice dated July 30, 2012, and published in the **Federal Register** on August 7, 2012, 77 FR 47115, Cayman Chemical Company, 1180 East Ellsworth Road, Ann Arbor, Michigan 48108, made application by renewal to the Drug Enforcement Administration (DEA) to be registered as a bulk manufacturer of the following basic classes of controlled substances:

Drug	Schedule
Cathinone (1235) .....	I
Methcathinone (1237) .....	I
4-Methyl-N-methylcathinone (1248).	I
N-Ethylamphetamine (1475) .....	I
N,N-Dimethylamphetamine (1480)	I
Aminorex (1585) .....	I
4-Methylaminorex (cis isomer) (1590).	I
Gamma Hydroxybutyric Acid (2010).	I
1-Pentyl-3-(1-naphthoyl) indole (7118).	I
1-Butyl-3-(1-naphthoyl) indole (7173).	I
1-[2-(4-Morpholinyl)ethyl]-3-(1-naphthoyl) indole (7200).	I
Alpha-ethyltryptamine (7249) .....	I
5-(1,1-Dimethylheptyl)-2-[(1R,3S)-3-hydroxycyclohexyl]-phenol (7297).	I
5-(1,1-Dimethyloctyl)-2-[(1R,3S)-3-hydroxycyclohexyl]-phenol (7298).	I
Lysergic acid diethylamide (7315)	I
2,5-Dimethoxy-4-(n)-propylthiophenethylamine (7348).	I
Marihuana (7360) .....	I
Tetrahydrocannabinols (7370) .....	I
Mescaline (7381) .....	I
3,4,5-Trimethoxyamphetamine (7390).	I
4-Bromo-2,5-dimethoxyamphetamine (7391).	I
4-Bromo-2,5-dimethoxyphenethylamine (7392).	I
4-Methyl-2,5-dimethoxyamphetamine (7395).	I
2,5-Dimethoxyamphetamine (7396).	I
2,5-Dimethoxy-4-ethylamphetamine (7399).	I
3,4-Methylenedioxyamphetamine (7400).	I
5-Methoxy-3,4-methylenedioxyamphetamine (7401).	I
N-Hydroxy-3,4-methylenedioxyamphetamine (7402).	I
3,4-Methylenedioxy-N-ethylamphetamine (7404).	I

Drug	Schedule
3,4-Methylenedioxyamphetamine (7405).	I
4-Methoxyamphetamine (7411) ...	I
5-Methoxy-N-N-dimethyltryptamine (7431).	I
Alpha-methyltryptamine (7432) ....	I
Bufotenine (7433) .....	I
Diethyltryptamine (7434) .....	I
Dimethyltryptamine (7435) .....	I
Psilocybin (7437) .....	I
Psilocyn (7438) .....	I
5-Methoxy-N-N-diisopropyltryptamine (7439).	I
N-Benzylpiperazine (7493) .....	I
3,4-Methylenedioxypropiovalerone (7535).	I
3,4-Methylenedioxy-N-methylcathinone (7540).	I
Amphetamine (1100) .....	II
Methamphetamine (1105) .....	II
Lisdexamfetamine (1205) .....	II

The company plans to manufacture small quantities of marihuana derivatives for research purposes. In reference to drug code 7360 (Marihuana), the company plans to bulk manufacture cannabidiol. In reference to drug code 7370 (Tetrahydrocannabinols), the company will manufacture a synthetic THC. No other activity for this drug code is authorized for this registration.

The company plans to manufacture the remaining listed controlled substances to supply these materials to the research and forensics community for drug testing and analysis.

No comments or objections have been received. DEA has considered the factors in 21 U.S.C. 823(a) and determined that the registration of Cayman Chemical Company to manufacture the listed basic classes of controlled substances is consistent with the public interest at this time. DEA has investigated Cayman Chemical Company to ensure that the company's registration is consistent with the public interest. The investigation has included inspection and testing of the company's physical security systems, verification of the company's compliance with state and local laws, and a review of the company's background and history.

Therefore, pursuant to 21 U.S.C. 823(a), and in accordance with 21 CFR 1301.33, the above named company is granted registration as a bulk manufacturer of the basic classes of controlled substances listed.

Dated: November 14, 2012.

**Joseph T. Rannazzisi,**  
Deputy Assistant Administrator, Office of Diversion Control, Drug Enforcement Administration.

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**DEPARTMENT OF JUSTICE**

**Drug Enforcement Administration**

**Manufacturer of Controlled Substances; Notice of Registration; Cambrex Charles City, Inc.**

By Notice dated July 17, 2012 and published in the **Federal Register** on July 26, 2012, 77 FR 43863, Cambrex Charles City, Inc., 1205 11th Street, Charles City, Iowa 50616, made application by renewal to the Drug Enforcement Administration (DEA) to be registered as a bulk manufacturer of the following basic classes of controlled substances:

Drug	Schedule
Gamma Hydroxybutyric Acid (2010).	I
Amphetamine (1100) .....	II
Lisdexamfetamine (1205) .....	II
Methylphenidate (1724) .....	II
4-Anilino-N-phenethyl-4-piperidine (ANPP) (8333).	II
Phenylacetone (8501) .....	II
Cocaine (9041) .....	II
Codeine (9050) .....	II
Oxycodone (9143) .....	II
Hydromorphone (9150) .....	II
Hydrocodone (9193) .....	II
Methadone (9250) .....	II
Dextropropoxyphene, bulk (non-dosage forms) (9273).	II
Morphine (9300) .....	II
Oripavine (9330) .....	II
Thebaine (9333) .....	II
Opium, raw (9600) .....	II
Opium extracts (9610) .....	II
Opium fluid extract (9620) .....	II
Opium tincture (9630) .....	II
Opium, powdered (9639) .....	II
Opium, granulated (9640) .....	II
Oxymorphone (9652) .....	II
Noroxymorphone (9668) .....	II
Poppy Straw Concentrate (9670)	II
Alfentanil (9737) .....	II
Remifentanil (9739) .....	II
Sufentanil (9740) .....	II
Fentanyl (9801) .....	II

The company plans to manufacture the listed controlled substances in bulk for sale to its customers, for dosage form development, for clinical trials, and for use in stability qualification studies.

No comments or objections have been received. DEA has considered the factors in 21 U.S.C. 823(a), and