STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)

Substance: Valeric acid related substances including:
- Valeric Acid
- 2-Methylvaleric Acid
- 2-Ethylvaleric Acid
- 2-Isopropylvaleric Acid
- 2-Butylvaleric Acid

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled □
- Not Controlled X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- Valeric acid and the analogues listed above are not similar to any substance listed on the schedules to the CDSA

Supporting document(s) attached: Drug Status Report by Mr. LeBelle

Prepared by: ___________________________ Date: July 11, 2006
Xiao Peng Feng

Drug Status Report by: Mr. M. LeBelle Date: July 4, 2006

Approved by: ___________________________ Date: _________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES
Drug Status Report

**Drug:** Valeric acid related substances
Valeric Acid
2-Methylvaleric Acid
2-Ethylvaleric Acid
2-Isopropylvaleric Acid
2-Butylvaleric Acid

This report results from the request for status evaluations for several substances

**Drug Name Status:** Valeric acid, 2-methylvaleric acid, 2-ethylvaleric acid, 2-isopropylvaleric acid and 2-butylvaleric acid are common names.

**Chemical Name:**
(I) Pentanoic acid
(II) 2-Methylpentanoic acid
(III) 2-Ethylpentanoic acid
(IV) 2-(1-Methylethyl)pentanoic acid
(V) 2-Propylhexanoic acid

**Chemical structure:**

![Chemical structures of valeric acid related substances](image)

**Molecular Formula:**
(I) $C_5H_{10}O_2$
(II) $C_6H_{12}O_2$
(III) $C_7H_{14}O_2$
(IV) $C_8H_{16}O_2$
(V) $C_9H_{18}O_2$
Pharmacological/chemical class / Application: unknown

International status:

US: The substances are not listed on the US Controlled Substances Act and are not mentioned on the DEA website.

United Nations: The substances are not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Valeric acid and the analogues shown above are not similar to any substance listed on the schedules to the CDSA.

Recommendation: Valeric acid related substances are not subject to the CDSA and are not controlled substances.

July 4, 2006