Head Shop ‘Legal Highs’ Active Constituents Identification Chart (July - August 2010, ‘714’ – ‘823’)
(The Criminal Justice (Psychoactive Substances) Act 2010 came into force on August 23rd)

3‘4’Methylenedioxy-a-pyrrolidinobutylpheneone (MDPBP)
Identified using a chromatographed sample of MDPBP extracted from Vaxie Solo as a reference standard.

Glaucine
Caffeine

Dimethylamylamine (DMAA)
Caffeine

3‘4’Methylenedioxy-a-pyrrolidinobutylpheneone (MDPBP)

Note: GCMS analysis also revealed several unidentified peaks. Could these be compounds related to glaucine?

Note: GCMS analysis also revealed an unidentified peak. Could this be a compound related to glaucine?

Note: Purchased on July 31, 2010.

Caffeine
Naphrytone

Based on mass spectrometric data we also suspect the presence of 1-naphrytone.

Note: GCMS analysis also revealed an unidentified peak. Could this be a compound related to glaucine?

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Based on NMR and MS data we suspect the presence of 3adamantan-1-ylcarbonyl)-1-pentylindole (AE-001).

Note: This compound contained mephedrone.

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We wish to thank Dr. István Ujvary for his immense help with this work.

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* Tentatively identified from its mass spectrum as no standard was available
† Reference standard synthesized in our laboratory
♦ Extracted, purified by column chromatography and characterized NMR/HRMS.

Red text - This compound does not have a common name so we’ve given it one.

These are the active constituents identified to date. Analysis is on-going. If you have any questions please contact us - id.lab.team@gmail.com