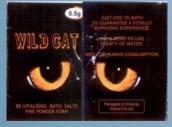
Head Shop 'Legal Highs' Active Constituents Identification Chart (May 2010, pre-'511')



•Mephedrone (66.1% as HCl salt, **54.8%** as free base) Caffeine •Benzocaine



(82.2% as HCl salt, **68.1%** as free base)



(14.6% as HCl salt, 12.1% as free base)



•Methylone (39.9% as HCl salt, 33.1% as free base) •Benzocaine



•Methylone



•Methylone



•Methylone •MDPV



•Mephedrone



•Flephedrone

•Caffeine





•Flephedrone •Lignocaine





•MDPV



Dimethylamylamine (DMAA)



•Flephedrone

•Lignocaine •Caffeine



•MDPV



•MDPV •Lignocaine



•MDPV •Lignocaine



•Butylone

•A significant amount of what is believed to be an isomer of butylone was also found.



Butylone •MDPV



p-Fluorophenylpiperazine Caffeine



Butylone Caffeine



·m-Trifluoromethylphenylpiperazine Caffeine



Caffeine



Butylone



Dimethylamylamine (DMAA) •2-Phenylethylamine (2-PEA)

- ·Hordenine
- Caffeine



•m-Trifluoromethylphenylpiperazine (mTFMPP)





•Mephedrone



•2-Aminoindane (2-AI, 2-indanamine) ·Caffeine



·MDPV



Methylone



•Caffeine

Caffeine



Butylone



Butylone



(mTFMPP) •p-Fluorophenylpiperazine (pPFP)



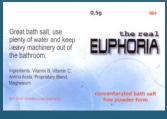
•MDPV



Mephedrone



Butylone ·Lignocaine



Mephedrone



•2-Phenylethylamine (2-PEA) Dimethylamylamine (DMAA) ·Caffeine



Caffeine •Dimethylamylamine (DMAA)



Dimethylamylamine (DMAA)

These are the active constituents that we have found to date in the above products. It may be expected that Next Generation Compounds (NGC's) (i.e. new pharmacologically active compounds) will be used as active constituents in the above products following the banning of a number cathinone and piperazine derivatives on May 11, 2010 (www.dohc.ie/press/releases/2010/20100511.html). Recently NAPHYRONE has emerged as a replacement for mephedrone.

If you have any questions please contact us - id.lab.team@gmail.com