Head Shop 'Legal Highs' Active Constituents Identification Chart (June /July 2010, '511' - '714')



•Dimethocaine*

Note: At the time of purchase the sales assistant said that this was Pure NRG packed as Mind Melt









Dimethylamylamine

- Caffeine
- Synephrine



•Glaucine*

(Note: This product is sold as a 'relaxant')



- •2-Phenylethylamine
- Hordenine
- •Synephrine ·Caffeine



Dimethylamylamine

- •Synephrine



·Fluorotropacocaine* Caffeine Lognocaine



Caffeine

•Lignocaine

Note: Slightly different packaging. Samples purchased on 13/06/10 and 15/07/10 were found to contain caffeine and a trace of



Ethcathinone •Ethcathinone

•'iso-Ethcathinone'

Note; The formation of 'iso-ethcathinone' was also observed as a by-product in our laboratory synthesis of ethcathinone. The toxicological and pharmacological properties of



·Naphyrone Caffeine

·Lignocaine

Note: Offered for sale as a 'herbal snuff'.

A sample of Pure NRG purchased on 13/06/10 was found to contain caffeine



Dimethylamylamine

- •2-Phenylethylamine ·Caffeine
- •5-Hydroxytryptophan
- Hordenine





Note: Purchased after DOHC statement on

Note: A sample was analysed by ¹H and ¹³C NMR which further confirmed the presence of dimethocaine.



Caffeine



Caffeine



Dimethylamylamine



•Synephrine

•Dimethocaine*

Note: Before the 511 contained methylone.



·Caffeine

Note: Sold as 'Powerful Herbal Party Snuff



Dimethylamylamine

of 5-hydroxytryptophan and are currently



- Dimethylamylamine •2-Phenylethylamine
- •Caffeine

observed by GCMS. This may be derived from on of the listed constituents, Salvia sclarosa.



Caffeine



·Caffeine

compounds which are still under investigatio



•Dimethylamylamine



Dimethylamylamine

- •Synephrine



·Caffeine





Dimethylamylamine Caffeine



Dimethylamylamine •2-Phenylethylamine ·Caffeine



Dimethylamylamine •2-Phenylethylamine Caffeine



•Fluorotropacocaine* •Desoxypipradrol*



this product.



Dimethylcathinone (Metamfepramone) ·Caffeine



Powder

Naphyrone



•2-Phenylethylamine Caffeine •Synephrine





Dimethylamylamine •2-Phenylethylamine

Caffeine •Synephrine Hordenine

Tablet

Dimethylamylamine •2-Phenylethylamine

MOLOTOY

Caffeine •Synephrine ·Hordenine



Capsule * Tentatively identified from its mass spectrum as no standard was available

These are the active constituents identified to date. Analysis is on-going.

On a general note, by monitoring websites offering 'research chemicals' for sale, we have observed that MDAT, MDAI, 5-IAI and especially 6-APB ('Benzo Fury') are becoming quite popular. However, the actual availability of 'Benzo Fury' from such websites is unclear and some state that the 'official launch date' is the beginning of August. If you have any questions please contact us - id.lab.team@gmail.com

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