



Postbus 58376  
1040HJ Amsterdam

## Report of analysis

## Bubblegun

**Research:**

Qualitative & Quantitative chemotypical analysis of the cannabinoid content of the received cannabis samples

**Date of Intake:**10-03-2014

**Test date:** 10-03-2014

**Amount of samples:**1 cannabis simplex sample

**Firm:** SPLIFF SEEDS

**Laboratory :** Test Lab Amsterdam

**Analist:** Pars Manas Akdag

**Rapportage:** Pars Manas Akdag

**Contact:** [M.akdag@testlabamsterdambv.nl](mailto:M.akdag@testlabamsterdambv.nl)

**For:**

Product information , Handbook /archive / pharma - selection purposes

Menu of cannabinoids and transparency in the content.

**Betreft:**

Chemotypical analysis of sample(s) offered by SPLIFF SEEDS .

Quantification is made by use of pixelcountsoftware (TLA QUANT) combined with the linear regression routines for the primary cannabinoids developed for thin layer chromatography.

This report of analysis contains specifications of the chemo-typical analysis of the offered sample.

- 1- Quantifications of **THC, CBD, CBN, THCV, CBG and CBC** .
- 2- Qualitative research contains specific data: Botanical, phyto-chemical, profile-effect relations, dose- effect relations, pharmacological effects, therapeutical purposes and pharmaceutical information.

Testlab Amsterdam

Contact persoon:  
Pars Manas Akdag

[www.TestLabAmsterdam.nl](http://www.TestLabAmsterdam.nl)  
[info@TestLabAmsterdambv.nl](mailto:info@TestLabAmsterdambv.nl)



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## Resultaten en interpretatie

### A

#### Botanical-1

Category: *Cannabis sativa* L. subsp. *sativa*

Chemovar: "WW/PP" Chemotype en "CBC-haze" Chemotype

Sativa markers: Found

Indica markers : Not Found

Ruderalis markers: Not found

Fenotype : Dominant Sativa strain

### B

Phyto-Chemical: Cannabinoids present: cryptic1,3,4, THC, THCV, CBG, CBC.

**THC:** 16.1%

**THCV:** 0.1%

**CBG:** 0.1%

**CBC:** 0.1%

**Oxidationproducts** :.Minimal amount, fresh sample

Cryptics are strainbound markers. The cryptics numbered above are mainly predominant in sativa strains with indica influences. These Cryptics contain Olivetol and Geranyl .

### C

#### Fysical

Matrix: *Cannabis sativa* L. subsp. *sativa* simplex

Water content (H<sub>2</sub>O%) : As delivered

### D

#### Quality

Potent Sample

B-class for potency.

B-class for quality

Integrityindex : Fresh , A-Class

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## E

### Profile-Effect relation

Potent sativa dominant strain.

Because of the medium THC, low CBG and CBC, this is a THC predominant strain,

In low dosages this strain will be bright and activating, mainly THC effect.

Because of cumulative effect of CBG% this sample will be de-activating in higher dosages.

Low and medium dosages will be activating

**Modulator**, of Ratio- THCV: CBG: CBC is 1:1:1 (activating )

## F

### Dosis-effect relation

**Low dosis:** sativa effect: Fast and powerful initiating, bright and activating headbuzz .

**Medium dosis:** sativa effect: Fast and powerful initiating, bright, strongly activating headbuzz.

**High dosis:** Strong Sativa/Indica effect: Fast and powerful initiating and strong de-activating bodybuzz.

## G

### Therapeutical purposes & pharmaceutical dossier.

For all Bedrocan® indications .

Can be used for relief of symptoms for neuropathic pain management (B+class).

Can be used for relief of symptoms for Crohn's disease en colitis ulcerosa. (A-class)

Can be used for relief of symptoms for insomnia (sleep problems (B-class).

Oral/sublingual oil and Vaporize preferable at higher dosages .

Contemplating mode: stimulates appetite and induces sleep.

Classification is based on the potency and in the chemotype list of TLA.

"A" means: highest potency, "F" lowest.

Classification is done by a database of 15000 samples .