

Additional File 1a Cannabinoids of C.s. extract

Cannabinoid	Result [% solids]
CBD cannabidiol	0.137
CBDA cannabidiolic acid	2.45
T-CBD total cannabidiol (CBD+CBDA)	2.29
THCΔ8 Δ -8-tetrahydrocannabinol	<0.010
THCΔ9 Δ -9-tetrahydrocannabinol	0.012
THCA tetrahydrocannabinolic acid	0.099
T-THC total tetrahydrocannabinol (THC+THCA)	0.099
CBG cannabigerol	0.014
CBGA cannabigerolic acid	0.079
T-CBG total cannabigerol (CBG+CBGA)	0.083
CBDV cannabidivarin	<0.010
CBDVA cannabidivarinic acid	<0.010
THCV tetrahydrocannabivarin	<0.010
THCVA tetrahydrocannabivarinic acid	<0.010
CBN cannabinol	<0.010
CBNA cannabinolic acid	<0.010
CBL cannabicyclol	<0.010
CBC cannabichromene	<0.010
CBCA cannabichromenic acid	0.13

All cannabinoids identified in the C.s. extract were analyzed by HPLC with UV/VIS detection. Results are expressed as in % of total solids.

Additional File 1b Terpenoids of C.s. extract

Terpenoids	Result [mg/kg solids]
alpha-Pinen	150
Camphen	< 10
Sabinen	< 10
beta-Pinen	27
beta-Myrcen	190
alpha-Phellandren	< 10
(+)-d-3-Caren	< 10
alpha-Terpinen	< 10
Limonen	21
trans-beta-Ocimen	< 10
Eucalyptol	< 10
cis-beta-Ocimen	< 10
gamma-Terpinen	< 10
Terpinolen	< 10
Sabinenhydrat	< 10
Linalool	< 10
(+,-)-Fenchon	< 10
(+)-endo-Fenchylalkohol	11
Isopulegol	< 10
(+,-)-Camphor	< 10
Isoborneol	< 10
Menthol	< 10
(+,-)-Borneol	< 10
alpha-Terpineol	< 10
gamma-Terpineol	< 10
Nerol	< 10
Pulegon	< 10
Geraniol	< 10
Geranylacetat	< 10
Farnesen	< 10
alpha-Cedren	85
trans-Caryophyllen	51
alpha-Humulen	< 10
Valencen	< 10
cis-Nerolidol	67
trans-Nerolidol	16
(-)-Guaiol	< 10
Caryophyllenoxid	< 10
Cedrol	< 10
(-)-alpha-Bisabolol	90

All terpenoids identified in the C.s. extract were analyzed by GC with FID detection. Results are expressed as in mg/kg of total solids.