



Pine Walker

CERTIFICATE OF ANALYSIS

License #: 800000016

Certificate: 26413

Cannabinoids

Tested

Sample Analysis

Sample Prep Date: 11/27/2024
Sample Analysis Date: 12/02/2024
Analyzed By: Agilent 1260 HPLC
SOP: SOP-CANN-001

Analyte	LOD (%)	LOQ (%)	Results (%)*	Results (mg/g)*
CBC	0.0212	0.0425	ND	ND
CBCA	0.0212	0.0425	0.5	5
CBDV	0.0212	0.0425	ND	ND
CBDVA	0.0212	0.0425	8.13	81.3
CBD	0.0212	0.0425	0.164	1.64
CBDA	0.0212	0.0425	9.96	99.6
CBG	0.0212	0.0425	0.0971	0.971
CBGA	0.0212	0.0425	0.822	8.22
CBN	0.0212	0.0425	ND	ND
Δ^8 -THC	0.0212	0.0425	ND	ND
Δ^8 -THCV	0.0212	0.0425	NT	NT
Δ^9 -THC	0.0212	0.0425	ND	ND
Δ^9 -THCV	0.0212	0.0425	< LOQ	< LOQ
THCVA	0.0212	0.0425	0.395	3.95
THCA	0.0212	0.0425	0.336	3.36
Cannabinoid Totals		Results (%)*		Results (mg/g)*
Total THC		0.295		2.95
Total CBD		8.90		89.0
Total Cannabinoids		20.4		204

Total THC = THCA * 0.877 + Δ^9 -THC
Total CBD = CBDa * 0.877 + CBD
Total Cannabinoids = Sum of all analytes

* Dry Weight = [Wet Weight] / (1 - [Moisture] / 100)

Report Notes:

Philip Travisano III, Ph.D.

CTS Illinois State Director

Smithers CTS Illinois LLC
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500



This analysis was performed for R&D purposes and are for internal business use only. Test results apply to samples within this analysis only. Test results shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations.



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Terpenes

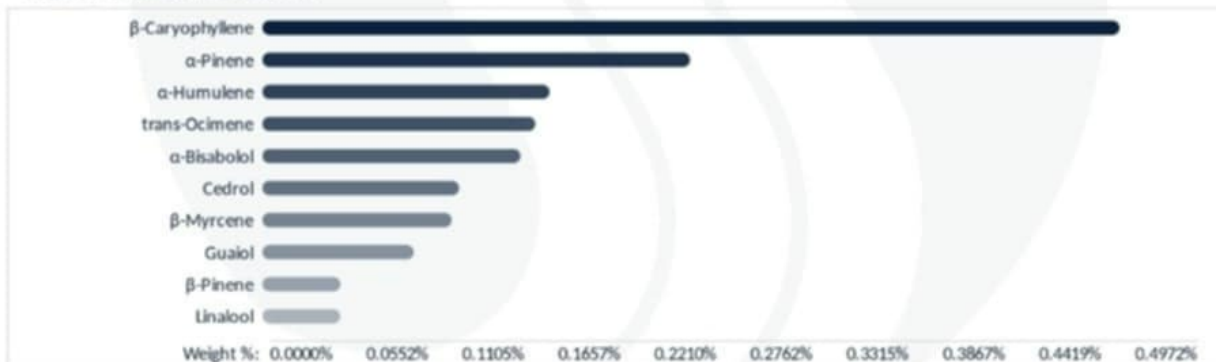
Tested

Sample Analysis

Sample Prep Date: 12/27/2024
Sample Analysis Date: 12/30/2024
Analyzed By: GC-FID
SOP: SOP_TERP_002

Analyte	LOD (%)	LOQ (%)	Results (%) *	Analyte	LOD (%)	LOQ (%)	Results (%) *
3-Carene	0.00347	0.0104	ND	Fenchone	0.00692	0.0208	ND
α -Bisabolol	0.00347	0.0104	0.15	Geraniol	0.00347	0.0104	ND
α -Cedrene	0.00347	0.0104	< LOQ	Geranyl Acetate	0.00347	0.0104	ND
α -Humulene	0.00347	0.0104	0.167	Guaiol	0.00347	0.0104	0.0879
α -Phellandrene	0.00347	0.0104	ND	Isoborneol	0.00347	0.0104	< LOQ
α -Pinene	0.00347	0.0104	0.248	Isopulegol	0.00347	0.0104	< LOQ
α -Terpinene	0.00347	0.0104	ND	Limonene	0.00347	0.0104	0.0309
β -Caryophyllene	0.00347	0.0104	0.497	Linalool	0.00347	0.0104	0.0453
β -Myrcene	0.00692	0.0208	0.11	Menthol	0.00347	0.0104	0.0113
β -Pinene	0.00347	0.0104	0.0453	Nerol	0.00347	0.0104	ND
Borneol	0.00692	0.0208	0.032	Pulegone	0.00347	0.0104	ND
Camphene	0.00347	0.0104	< LOQ	Sabinene Hydrate	0.00347	0.0104	ND
Camphor	0.0104	0.0312	< LOQ	Terpineol	0.00347	0.0104	0.0283
Caryophyllene Oxide	0.00347	0.0104	0.0384	Terpinolene	0.00347	0.0104	ND
Cedrol	0.00347	0.0104	0.114	trans-Nerolidol	0.00347	0.0104	ND
cis-Nerolidol	0.00347	0.0104	0.0219	trans-Ocimene	0.00290	0.00869	0.158
cis-Ocimene	0.000575	0.00171	< LOQ	Valencene	0.00347	0.0104	ND
endo-Fenchyl Alcohol	0.00347	0.0104	0.0183	γ -Terpinene	0.00347	0.0104	ND
Eucalyptol	0.00347	0.0104	ND	Total Terpenes	-	-	1.80

* Dry Weight = [Wet Weight] / (1 - [Moisture] / 100)



Report Notes:

Landen Nickel

Lab Manager

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