CERTIFICATE OF ANALYSIS

ANALYSIS REQUEST

Company Name:	ACP Pharmaceuticals	**Job No.:**	G-16076
Contact Name:	Thomas Mitchell	**Job Registered:**	17 Mar 2026
Customer Address:	101 Seaford Place, Seaford, Vic, 3198	**Customer Ref.:**	NA

METHOD DETAILS

Pharmalytics Test Method: VAM-042 (v10.0) Cannabis Concentrate Extracts

Test	Method	Status	Validation Reference
Appearance	Visual	NA	NA
Cannabinoids	VAM-042	Validated	VR-056
Heavy Metals	Ph. Eur. 2.4.27	Validated	VR-107
Residual Solvents	VAM-049	Validated	VR-067
Terpenes	AM-005	NA	NA
Mycotoxins	Ph. Eur. 2.8.18 & 22	Validated	VR-136
Microbial Enumeration	Ph. Eur. 2.6.12	Validated	VR-161
Specified Microorganisms	Ph. Eur. 2.6.13	Validated	VR-161
Pesticides	Ph. Eur. 2.8.13	Validated	ORG006C & ORG202S

SPECIFICATION

SPEC-807 v2.0 THC Distillate + Additional Terpenes Testing

G-16076/1: Live Rosin Extract Chilly Willy, Batch: LOT004043

Test	Specification	Result	Compliance
	General Tests		
Appearance	Report only	Pale amber, viscous resin	NA
	Cannabinoids		
Delta-9-THC	Report only	4.7 % w/w	NA
THCA	Report only	74.7 % w/w	NA
Total THC (as THC)	Report only	70.2 % w/w	NA
CBD	Report only	0.5 % w/w	NA
CBDA	Report only	0.2 % w/w	NA
CBG	Report only	0.6 % w/w	NA
CBGA	Report only	6.6 % w/w	NA
CBN	Report only	< 0.1 % w/w	NA
	Heavy Metals		
Arsenic	NMT 3.0 ppm (mg/kg)	< 1.5 ppm (mg/kg)	Complies
Cadmium	NMT 0.5 ppm (mg/kg)	< 0.3 ppm (mg/kg)	Complies
Lead	NMT 5.0 ppm (mg/kg)	< 2.5 ppm (mg/kg)	Complies
Mercury	NMT 0.5 ppm (mg/kg)	< 0.1 ppm (mg/kg)	Complies
	Residual Solvents		
Methanol	NMT 3000 ppm	< 3000 ppm	Complies
Ethanol	NMT 5000 ppm	< 5000 ppm	Complies
IPA	NMT 5000 ppm	< 5000 ppm	Complies
Pentane	NMT 5000 ppm	< 5000 ppm	Complies
Heptane	NMT 5000 ppm	< 5000 ppm	Complies

G-16076/1: Live Rosin Extract Chilly Willy, Batch: LOT004043

Mycotoxins			
Aflatoxin B1	NMT 2 ppb (µg/kg)	< 1 ppb (µg/kg)	Complies
Aflatoxins B1, B2, G1 & G2	NMT 4 ppb (µg/kg)	< 4 ppb (µg/kg)	Complies
Ochratoxin A	NMT 20 ppb (µg/kg)	< 20 ppb (µg/kg)	Complies

G-16076/2: Live Rosin Extract Chilly Willy, Batch: LOT004043 [MICRO]

Test	Specification	Result	Compliance
Microbial Enumeration			
TAMC	NMT 200 CFU/g	< 10 CFU/g	Complies
TYMC	NMT 20 CFU/g	< 10 CFU/g	Complies
Specified Microorganisms			
E. coli	Absent in 1 g	Absent in 1 g	Complies
S. aureus	Absent in 1 g	Absent in 1 g	Complies
Ps. aeruginosa	Absent in 1 g	Absent in 1 g	Complies
Salmonella	Absent in 10 g	Absent in 10 g	Complies

G-16076/3: Live Rosin Extract Chilly Willy, Batch: LOT004043 (Additional Sample 25 MAR 2026)

Test	Specification	Result	Compliance
General Tests			
Pesticides	NMT the limits specified in Ph. Eur. 2.8.13	NMT the limits specified in Ph. Eur. 2.8.13	Complies

REPORT APPROVAL

Reviewed By: Ming Xiong
Position: Laboratory Manager

Approved By: Tameka Naismith
Position: Innovation & Excellence Manager
Date Approved: 07 Apr 2026

Date : 2025-11-12

Certificate of Analysis - GC Profiling (Main Terpenes)

Sample Identification

Internal code : 25K05-LAD01
Customer Identification : P-160 Analytical Sample #2
Type : Solvent Extract
Source : *Cannabis sativa*
Customer : Lady Jane Cannabis Ltd.

Checked an approved by:

Sylvain Mercier, M. Sc., Chimiste 2014-005

Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia. This report is digitally signed, it is only considered valid if the digital signature is intact. The results only describe the samples that were submitted to the assays. The compliance status of the sample is provided to facilitate the reading of the report. The client remains ultimately responsible for reviewing the results presented within this report and to establish compliance of the tested batch against relevant quality criteria.

Laboratoire PhytoChemia
628 Boulevard du Saguenay Ouest, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

Gas Chromatographic Analysis

Method : PC-MAT-004 - Terpenes and volatiles profiling by response factor
Results : See analysis summary (table)
Analyst : Jean-Christophe Fortin, M. Sc.
Date : 2025-11-11

Reference

(1) Cachet, T.; Brevard, H.; Chaintreau, A.; Demyttenaere, J.; French, L.; Gassenmeier, K.; Joulain, D.; Koenig, T.; Leijs, H.; Liddle, P.; et al. IOFI Recommended Practice for the Use of Predicted Relative-Response Factors for the Rapid Quantification of Volatile Flavouring Compounds by GC-FID. Flavour Fragr. J. 2016, 31 (3), 191–194.

Analysis Summary - Consolidated Contents

Identification	As is (mg/g)	Class
β-Caryophyllene	22.10	Sesquiterpene
Germacrene B	15.46	Sesquiterpene
Limonene	11.85	Monoterpene
Selina-4(15),7(11)-diene	8.36	Sesquiterpene
Selina-4,7(11)-diene	7.44	Sesquiterpene
Selina-3,7(11)-diene	7.29	Sesquiterpene
α-Humulene	6.92	Sesquiterpene
γ-Elemene	5.85	Sesquiterpene
Linalool	5.48	Monoterpenic alcohol
Hexyl butyrate	5.08	Aliphatic ester
α-Bisabolol	3.36	Sesquiterpenic alcohol
Myrcene	3.14	Monoterpene
(3*E*,6*E*)-α-Farnesene	3.03	Sesquiterpene
α-Selinene	2.94	Sesquiterpene
β-Selinene	2.53	Sesquiterpene
(*E*)-α-Bisabolene	1.86	Sesquiterpene
Eremophila-1(10),7(11)-diene	1.55	Sesquiterpene
β-Pinene	1.52	Monoterpene
δ-Guaiene	1.00	Sesquiterpene
β-Bisabolene	0.87	Sesquiterpene
(*E*)-β-Farnesene	0.86	Sesquiterpene
Juniper camphor	0.84	Sesquiterpenic alcohol
α-Pinene	0.82	Monoterpene
Eudesma-5,7(11)-diene	0.81	Sesquiterpene
Caryophyllene oxide	0.80	Sesquiterpenic ether
endo-Fenchol	0.78	Monoterpenic alcohol

Spirovetiva-1(10),7(11)-diene	0.75	Sesquiterpene
(*E*)-Nerolidol	0.73	Sesquiterpenic alcohol
(2*E*,6*E*)-Farnesol	0.72	Sesquiterpenic alcohol
α-Terpineol	0.68	Monoterpenic alcohol
trans-Pinene hydrate	0.59	Monoterpenic alcohol
trans-α-Bergamotene	[0.51]	Sesquiterpene
α-Guaiene	[0.51]	Sesquiterpene
Unknown	0.48	Sesquiterpene
Unknown	0.39	Sesquiterpene
α-Ylangene	0.39	Sesquiterpene
Hexyl hexanoate	0.37	Aliphatic ester
Humulene epoxide II	0.33	Sesquiterpenic ether
Selin-6-en-4α-ol isomer	0.32	Sesquiterpenic alcohol
Geraniol	0.30	Monoterpenic alcohol
(3*Z*)-Caryophylla-3,8(13)-dien-5β-ol	0.26	Sesquiterpenic alcohol
Octanol	0.26	Aliphatic alcohol
Camphene	0.24	Monoterpene
Hexanol	0.23	Aliphatic alcohol
Aromadendrane-4,10-diol	0.22	Sesquiterpenic alcohol
α-Cubebene	0.19	Sesquiterpene
Selin-6-en-4α-ol	0.18	Sesquiterpenic alcohol
Citronellol	0.17	Monoterpenic alcohol
γ-Eudesmol	0.16	Sesquiterpenic alcohol
Borneol	0.16	Monoterpenic alcohol
Valencene	0.15	Sesquiterpene
Terpinolene	0.13	Monoterpene
α-Eudesmol	0.13	Sesquiterpenic alcohol
allo-Aromadendrene	0.12	Sesquiterpene
cis-Pinene hydrate	0.09	Monoterpenic alcohol
β-Eudesmol	0.09	Sesquiterpenic alcohol
Bulnesol	0.09	Sesquiterpenic alcohol
Fenchone	0.07	Monoterpenic ketone
Hashishene	0.07	Monoterpene
(*Z*)-β-Ocimene	0.04	Monoterpene
α-Santalene	0.04	Sesquiterpene
Decanol	0.04	Aliphatic alcohol
10-epi-γ-Eudesmol	0.04	Sesquiterpenic alcohol
(*E*)-β-Ocimene	0.03	Monoterpene
Camphene hydrate	0.03	Monoterpenic alcohol
Phytol	0.03	Diterpenic alcohol
Cryptomeridiol	0.02	Sesquiterpenic alcohol
β-Phellandrene	0.02	Monoterpene
Guaiol	0.02	Sesquiterpenic alcohol
Terpinen-4-ol	0.02	Monoterpenic alcohol
cis-Sabinene hydrate	0.02	Monoterpenic alcohol

trans-Sabinene hydrate	0.01	Monoterpenic alcohol
α-Phellandrene	0.01	Monoterpene
Ipsdienol	0.01	Monoterpenic alcohol
α-Terpinene	0.01	Monoterpene
γ-Terpinene	0.01	Monoterpene
α-Fenchene	0.01	Monoterpene
Sabinene	0.01	Monoterpene
α-Thujene	0.01	Monoterpene
meta-Camphorene	0.01	Diterpene
para-Cymen-8-ol	tr	Monoterpenic alcohol
Consolidated total	**132.55**	

tr: The compound has been detected below 0.01 mg/g.

[xx]: Duplicate concentration due to coelutions, taken only once into account in the consolidated total

Note: Individual compounds contents were corrected following the method of Cachet et al., 2016 (Flavour and Fragrance Journal guidelines).
Unknown compounds are expressed in equivalents of internal standard without correction factor.

About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm is set to prioritize data from the most standard DB-5 column, and smallest values so as to avoid overestimating individual content. This process is semi-automatic.
Unknowns: The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion. Some recurring, characteristic unknowns are listed for cannabis samples as they are representative of the actual composition of the material.