HIGH NORTH ID:
00875611
Date: 2026-02-02
Certificate: 1770071797

High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6122
LIC-P4PNJMAC20-2022

Client: Dycar Pharmaceuticals
900 Industrial Road 1 ,
Cranbrook, BC, v1c 1v6
Name: Dycar Quality Assurance
780-224-9242
qa@dycarpharm.com

Product: Frosted Fruit Cake
Lot: FFC2508261
Matrix: Flower
Sub-matrix: Dried Flower
Sampled: 2026-01-23
Received: 2026-01-27
Temperature on Receipt: 22.0°C

Certificate of Analysis

Dried Basis Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			31.3572	313.5718
Total CBD [(CBDA x 0.877) + CBD]			ND	ND
Total CBN [(CBNA x 0.876) + CBN]			0.0786	0.7857
THCA-A	0.10	0.20	34.1051	341.0511
D9-THC	0.10	0.20	1.447	14.4700
CBNA	0.01	0.02	0.0897	0.8969
CBN	0.01	0.02	ND	ND
CBDA	0.10	0.20	ND	ND
CBD	0.10	0.20	ND	ND
Total of all quantified cannabinoids:			35.6418	356.4180

Loss on Drying (EP 2.2.32 Vacuum Oven) used for Dried Basis Cannabinoids Calculation
Method: LAB-MTD-060

Moisture Analysis	Result
Loss on Drying (EP 2.2.32 Vacuum Oven)	8.2147%

Method: LAB-MTD-053

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			28.7813	287.8128
Total CBD [(CBDA x 0.877) + CBD]			ND	ND
Total CBN [(CBNA x 0.876) + CBN]			0.0721	0.7211
THCA-A	0.10	0.20	31.3035	313.0347
D9-THC	0.10	0.20	1.3281	13.2814
CBNA	0.01	0.02	0.0823	0.8232
CBN	0.01	0.02	ND	ND
CBDA	0.10	0.20	ND	ND
CBD	0.10	0.20	ND	ND
Total of all quantified cannabinoids:			32.7139	327.1393

Method: LAB-MTD-060

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:
Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Trans-Caryophyllene	0.0011	0.005	0.8812
Linalool	0.0006	0.005	0.6764
Farnesene*	0.0029	0.010	0.4725
(R)-(+)-Limonene	0.0006	0.005	0.4039
Beta-Myrcene	0.0004	0.005	0.2947
Alpha-Humulene	0.0002	0.005	0.2075
Alpha-Bisabolol	0.0011	0.005	0.0951
Farnesol*	0.0032	0.010	0.0758
Alpha-Terpineol	0.0007	0.005	0.0670
(R)-Endo-(+)-Fenchyl Alcohol	0.0005	0.005	0.0643
Beta-Pinene	0.0004	0.005	0.0543
trans-Nerolidol	0.0005	0.005	0.0375
Alpha-Pinene	0.0002	0.005	0.0318
Citronellol	0.0008	0.005	0.0176
Geraniol	0.0005	0.005	0.0173
Caryophyllene oxide	0.0009	0.005	0.0147
Camphene	0.0009	0.005	0.0108
Terpinolene	0.0005	0.005	0.0097
Borneol	0.0005	0.005	0.0088
Ocimene	0.0017	0.005	0.0085
Octyl Acetate	0.0005	0.005	0.0070
Fenchone	0.0003	0.005	0.0051
Squalene	0.0015	0.005	ND
Phytol*	0.0030	0.010	ND
Nootkatone	0.0009	0.005	ND
Phytane	0.0006	0.005	ND
(+)-Cedrol	0.0004	0.005	ND
Guaiol	0.0013	0.005	ND
cis-Nerolidol	0.0012	0.005	ND
Valencene	0.0006	0.005	ND
Eugenol	0.0010	0.005	ND
Alpha-Cedrene	0.0004	0.005	ND
Geranyl acetate	0.0007	0.005	ND
Carvacrol	0.0005	0.005	ND
Thymol	0.0006	0.005	ND
d-Valerolactam (2-piperidone)	0.0015	0.005	ND
(-)-Piperitone	0.0012	0.005	ND
Isobornyl Acetate	0.0005	0.005	ND
Carvone	0.0006	0.005	ND
Pulegone	0.0006	0.005	ND
Verbenone	0.0006	0.005	ND
Citral*	0.0015	0.005	ND
Safranal	0.0004	0.005	ND
Nerol	0.0007	0.005	ND

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Terpinen-4-ol	0.0017	0.005	ND
Camphor	0.0005	0.005	ND
Isoborneol	0.0005	0.005	ND
Menthol (Hexahydrothymol)	0.0013	0.005	ND
Menthone*	0.0015	0.005	ND
Isopulegol	0.0010	0.005	ND
Alpha-Thujone	0.0010	0.005	ND
Sabinene Hydrate	0.0006	0.005	ND
Gamma-Terpinene	0.0002	0.005	ND
Eucalyptol	0.0011	0.005	ND
Cymene*	0.0004	0.005	ND
Alpha-Terpinene	0.0004	0.005	ND
Alpha-Phellandrene	0.0010	0.005	ND
(1S)-3-Carene	0.0009	0.005	ND
Sabinene	0.0003	0.005	ND

Total of all quantified terpenes: 3.462
Method: LAB-MTD-044 (ISO 17025:2017 Accredited)

Water Activity Analysis	Result
Water Activity	0.5423aw

Method: LAB-MTD-031

Visual Inspection/Olfactory	Result
Foreign Matter	None Detected
Odour	Characteristic smell of cannabis
Sample Appearance	Green Dried Flower Buds

Method: LAB-MTD-022 (ISO 17025:2017 Accredited)

Total Ash Analysis	Result
Total Ash (EP 2.4.16)	8.8598%

Method: LAB-MTD-043

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

Mycotoxin Analysis	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	Status
Aflatoxin-B1	0.5000	2	2	ND	PASS
Aflatoxin-B2	0.5000	2		ND	
Aflatoxin-G1	0.3000	2		ND	
Aflatoxin-G2	0.6000	2		ND	
Sum of Aflatoxins:			4	0	PASS

Method: LAB-MTD-010 (ISO 17025:2017 Accredited)

Ochratoxin-A	5.6000	20	20	ND	PASS

Method: LAB-MTD-010 (ISO 17025:2017 Accredited)

Heavy Metals Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.015	0.20	0.2	ND	PASS
Cadmium	0.006	0.05	0.3	ND	PASS
Lead	0.017	0.45	0.5	ND	PASS
Mercury	0.010	0.04	0.1	ND	PASS

Method: LAB-MTD-050 (ISO 17025:2017 Accredited)

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Abamectin	0.0283	0.10	0.10	ND	PASS
Acephate	0.0034	0.02	0.02	ND	PASS
Acequinocyl	0.0080	0.03	0.03	ND	PASS
Acetamiprid	0.0076	0.10	0.10	ND	PASS
Aldicarb	0.0799	1.00	1.00	ND	PASS
Allethrin	0.0410	0.20	0.20	ND	PASS
Azadirachtin	0.6407	1.00	1.00	ND	PASS
Azoxystrobin	0.0031	0.02	0.02	ND	PASS
Benzovindiflupyr	0.0053	0.02	0.02	ND	PASS
Bifenazate	0.0053	0.02	0.02	ND	PASS
Bifenthrin	0.1389	1.00	1.00	ND	PASS
Boscalid	0.0051	0.02	0.02	ND	PASS
Buprofezin	0.0037	0.02	0.02	ND	PASS
Carbaryl	0.0068	0.05	0.05	ND	PASS
Carbofuran	0.0030	0.02	0.02	ND	PASS
Chlorantraniliprole	0.0051	0.02	0.02	ND	PASS
Chlorfenapyr	0.0155	0.05	0.05	ND	PASS
Chlorpyrifos	0.0081	0.04	0.04	ND	PASS
Clofentezine	0.0066	0.02	0.02	ND	PASS
Clothianidin	0.0098	0.05	0.05	ND	PASS
Coumaphos	0.0046	0.02	0.02	ND	PASS
Cyantraniliprole	0.0060	0.02	0.02	ND	PASS
Cyfluthrin	0.0432	0.20	0.20	ND	PASS
Cypermethrin	0.0760	0.30	0.30	ND	PASS
Cyprodinil	0.0477	0.25	0.25	ND	PASS
Daminozide	0.0200	0.10	0.10	ND	PASS
Deltamethrin	0.0913	0.50	0.50	ND	PASS
Diazinon	0.0050	0.02	0.02	ND	PASS
Dichlorvos	0.0279	0.10	0.10	ND	PASS
Dimethoate	0.0048	0.02	0.02	ND	PASS
Dimethomorph	0.0143	0.05	0.05	ND	PASS
Dinotefuran	0.0098	0.10	0.10	ND	PASS
Dodemorph	0.0074	0.05	0.05	ND	PASS
Endosulfan-alpha	0.0462	0.20	0.20	ND	PASS
Endosulfan-beta	0.0147	0.05	0.05	ND	PASS
Endosulfan sulfate	0.0108	0.05	0.05	ND	PASS
Ethoprophos	0.0058	0.02	0.02	ND	PASS
Etofenprox	0.0058	0.05	0.05	ND	PASS
Etoxazole	0.0025	0.02	0.02	ND	PASS
Etridiazole	0.0064	0.03	0.03	ND	PASS
Fenoxycarb	0.0062	0.02	0.02	ND	PASS
Fenpyroximate	0.0042	0.02	0.02	ND	PASS
Fensulfothion	0.0108	0.02	0.02	ND	PASS
Fenthion	0.0059	0.02	0.02	ND	PASS

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Fenvalerate	0.0414	0.10	0.10	ND	PASS
Fipronil	0.0085	0.06	0.06	ND	PASS
Flonicamid	0.0152	0.05	0.05	ND	PASS
Fludioxonil	0.0061	0.02	0.02	ND	PASS
Fluopyram	0.0067	0.02	0.02	ND	PASS
Hexythiazox	0.0026	0.01	0.01	ND	PASS
Imazalil	0.0105	0.05	0.05	ND	PASS
Imidacloprid	0.0037	0.02	0.02	ND	PASS
Iprodione	0.2626	1.00	1.00	ND	PASS
Kinoprene	0.0717	0.50	0.50	ND	PASS
Kresoxim-methyl	0.0066	0.02	0.02	ND	PASS
Malathion	0.0053	0.02	0.02	ND	PASS
Metalaxyl	0.0041	0.02	0.02	ND	PASS
Methiocarb	0.0050	0.02	0.02	ND	PASS
Methomyl	0.0059	0.05	0.05	ND	PASS
Methoprene	0.3858	2.00	2.00	ND	PASS
Mevinphos	0.0092	0.05	0.05	ND	PASS
MGK-264	0.0130	0.05	0.05	ND	PASS
Myclobutanil	0.0055	0.02	0.02	ND	PASS
Naled	0.0166	0.10	0.10	ND	PASS
Novaluron	0.0134	0.05	0.05	ND	PASS
Oxamyl	0.0675	3.00	3.00	ND	PASS
Paclobutrazol	0.0054	0.02	0.02	ND	PASS
Parathion-methyl	0.0180	0.05	0.05	ND	PASS
Permethrin	0.1182	0.50	0.50	ND	PASS
Phenothrin	0.0116	0.05	0.05	ND	PASS
Phosmet	0.0064	0.02	0.02	ND	PASS
Piperonyl butoxide	0.0185	0.20	0.20	ND	PASS
Pirimicarb	0.0047	0.02	0.02	ND	PASS
Prallethrin	0.0126	0.05	0.05	ND	PASS
Propiconazole	0.0324	0.10	0.10	ND	PASS
Propoxur	0.0058	0.02	0.02	ND	PASS
Pyraclostrobin	0.0034	0.02	0.02	ND	PASS
Pyrethrins	0.0237	0.05	0.05	ND	PASS
Pyridaben	0.0069	0.05	0.05	ND	PASS
Quintozene	0.0062	0.02	0.02	ND	PASS
Resmethrin	0.0149	0.10	0.10	ND	PASS
Spinetoram	0.0043	0.02	0.02	ND	PASS
Spinosad	0.0237	0.10	0.10	ND	PASS
Spirodiclofen	0.0326	0.25	0.25	ND	PASS
Spiromesifen	0.1899	3.00	3.00	ND	PASS
Spirotetramat	0.0040	0.02	0.02	ND	PASS
Spiroxamine	0.0135	0.10	0.10	ND	PASS
Tebuconazole	0.0158	0.05	0.05	ND	PASS

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Tebufenozide	0.0040	0.02	0.02	ND	PASS
Teflubenzuron	0.0153	0.05	0.05	ND	PASS
Tetrachlorvinphos	0.0060	0.02	0.02	ND	PASS
Tetramethrin	0.0164	0.10	0.10	ND	PASS
Thiacloprid	0.0031	0.02	0.02	ND	PASS
Thiamethoxam	0.0035	0.02	0.02	ND	PASS
Thiophanate-methyl	0.0102	0.05	0.05	ND	PASS
Trifloxystrobin	0.0055	0.02	0.02	ND	PASS

Method: LAB-MTD-010 (ISO 17025:2017 Accredited)

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

EP 2.8.13 Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Acephate	0.0422	0.10	0.10	ND	PASS
Alachlor	0.0170	0.05	0.05	ND	PASS
Aldrin and Dieldrin (Sum of)	0.0238	0.05	0.05	ND	PASS
Azinphos-ethyl	0.0416	0.10	0.10	ND	PASS
Azinphos-methyl	0.1154	1.00	1.00	ND	PASS
Bromophos-ethyl	0.0241	0.05	0.05	ND	PASS
Bromophos-methyl	0.0195	0.05	0.05	ND	PASS
Brompropylate	0.0874	3.00	3.00	ND	PASS
Chlordane (Sum of cis-, trans- and oxychlordane)	0.0236	0.05	0.05	ND	PASS
Chlorfenvinphos	0.0694	0.50	0.50	ND	PASS
Chlorpyriphos-ethyl	0.0396	0.20	0.20	ND	PASS
Chlorpyriphos-methyl	0.0281	0.10	0.10	ND	PASS
Chlorthal-dimethyl	0.0032	0.01	0.01	ND	PASS
Cyfluthrin (Sum of)	0.0300	0.10	0.10	ND	PASS
Cypermethrin and isomers (Sum of)	0.0632	1.00	1.00	ND	PASS
DDT (Sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE and p,p'-TDE)	0.2493	1.00	1.00	ND	PASS
Deltamethrin	0.1299	0.50	0.50	ND	PASS
Diazinon	0.0836	0.50	0.50	ND	PASS
Dichlofluanid	0.0341	0.10	0.10	ND	PASS
Dichlorvos	0.0589	1.00	1.00	ND	PASS
Dicofol	0.1476	0.50	0.50	ND	PASS
Dimethoate and omethoate (Sum of)	0.0416	0.10	0.10	ND	PASS
Dithiocarbamates (Expressed as CS2)	0.1133	2.00	2.00	ND	PASS
Endosulfan (Sum of isomers and endosulfan sulfate)	0.0836	3.00	3.00	ND	PASS
Endrin	0.0113	0.05	0.05	ND	PASS
Ethion	0.0474	2.00	2.00	ND	PASS
Etrimphos	0.0190	0.05	0.05	ND	PASS
Fenchlorophos (Sum of fenchlorophos and fenchlorophos-oxon)	0.0498	0.10	0.10	ND	PASS
Fenitrothion	0.1398	0.50	0.50	ND	PASS
Fenpropathrin	0.0084	0.03	0.03	ND	PASS
Fensulfothion (Sum of fensulfothion, fensulfothion-oxon, fensulfothion-oxonsulfon and fensulfothion-sulfon)	0.0247	0.05	0.05	ND	PASS
Fenthion (Sum of fenthion, fenthion-oxon, fenthion-oxon-sulfon, fenthion-oxon-sulfoxid, fenthion-sulfon and fenthion-sulfoxid)	0.0246	0.05	0.05	ND	PASS

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

EP 2.8.13 Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Fenvalerate	0.1202	1.50	1.50	ND	PASS
Flucytrinate	0.0245	0.05	0.05	ND	PASS
Fonophos	0.0205	0.05	0.05	ND	PASS
Heptachlor (Sum of heptachlor, cis-heptachlorepoxide and trans-heptachlorepoxide)	0.0230	0.05	0.05	ND	PASS
Hexachlorbenzene	0.0204	0.10	0.10	ND	PASS
Hexachlorocyclohexane (Sum of a-,b-, d- and e)	0.1396	0.30	0.30	ND	PASS
Lambda-Cyhalothrin	0.0860	1.00	1.00	ND	PASS
Lindan (gamma-hexachlorocyclohexane)	0.0574	0.60	0.60	ND	PASS
Malathion and Malaoxon (Sum of)	0.1445	1.00	1.00	ND	PASS
Mecarbam	0.0133	0.05	0.05	ND	PASS
Methacriphos	0.0240	0.05	0.05	ND	PASS
Methamidophos	0.0203	0.05	0.05	ND	PASS
Methidathion	0.0273	0.20	0.20	ND	PASS
Methoxychlor	0.0204	0.05	0.05	ND	PASS
Mirex	0.0031	0.01	0.01	ND	PASS
Monocrotophos	0.0438	0.10	0.10	ND	PASS
Parathion-ethyl and Paraoxon-ethyl (Sum of)	0.1292	0.50	0.50	ND	PASS
Parathion-methyl and Paraoxon-methyl (Sum of)	0.0461	0.20	0.20	ND	PASS
Pendimethalin	0.0463	0.50	0.50	ND	PASS
Pentachloranisol	0.0023	0.01	0.01	ND	PASS
Permethrin and isomers (Sum of)	0.0492	1.00	1.00	ND	PASS
Phosalone	0.0324	0.10	0.10	ND	PASS
Phosmet	0.0209	0.05	0.05	ND	PASS
Piperonyl butoxide	0.1260	3.00	3.00	ND	PASS
Pirimiphos-ethyl	0.0237	0.05	0.05	ND	PASS
Pirimiphos-methyl (Sum of pirimiphos-methyl and N-desethyl-pirimiphos-methyl)	0.1332	4.00	4.00	ND	PASS
Procymidone	0.0404	0.10	0.10	ND	PASS
Profenophos	0.0422	0.10	0.10	ND	PASS
Prothiophos	0.0166	0.05	0.05	ND	PASS
Pyrethrum (Sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I and pyrethrin II)	0.1233	3.00	3.00	ND	PASS
Quinalphos	0.0177	0.05	0.05	ND	PASS
Quintozene (Sum of quintozene, pentachloraniline and methyl penthachlorphenyl sulfide)	0.0804	1.00	1.00	ND	PASS
S-421	0.0093	0.02	0.02	ND	PASS
Tau-fluvalinate	0.0181	0.05	0.05	ND	PASS

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

EP 2.8.13 Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Tecnazene	0.0183	0.05	0.05	ND	PASS
Tetradifon	0.1194	0.30	0.30	ND	PASS
Vinclozolin	0.1031	0.40	0.40	ND	PASS

Method: LAB-MTD-041

Identification A (Macroscopic) European Pharmacopoeia

Complies with monograph

The colour of the sample complies with the monograph.

The whole female inflorescence is a dense or more or less lax panicle, comprising sessile or almost sessile, elongated bracts (about 10 mm long) with dentate margins, intermingled with the flowers.

The fragmented inflorescence comprises parts of the axis of the inflorescence, the bracts and panicle, together with individual flowers or floral organs.

The female flowers are very small (about 2 mm) with a short pedicel.

The perianth is monosepalous and apetalous.

The inflorescence is more or less densely pilose, with covering trichomes and glandular trichomes that produce a sticky resin with an aromatic odour.

Method: MIC-MTD-014

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

Identification B (Microscopic) European Pharmacopoeia

Complies with monograph

Fragments of the upper epidermis of the bracts sometimes covered by a fine, striated cuticle composed of polygonal cells with rigid walls, cystolithic covering trichomes and small glandular trichomes; the upper epidermis is usually associated with palisade parenchyma with some cells containing small cluster crystals of calcium oxalate.

Fragments of the lower epidermis of the bracts comprising cells with slightly sinuous walls, anomocytic stomata, small glandular trichomes and glandular trichomes with a multicellular stalk and a multicellular head.

Cystolithic and non-cystolithic unicellular covering trichomes; the conical, cystolithic covering trichomes have either thickened walls, a broad base and a curved, pointed end, with a clearly visible, lumpy, globular calcium carbonate deposit, or a narrower base and markedly pitted walls; the non-cystolithic covering trichomes are more elongated and have thickened, smooth walls.

Free cluster crystals of calcium oxalate.

Fragments of the axis of the inflorescence comprising cellulose fibres, spiral or annular vessels, and cells of the pith with reticulate walls, some of which contain cluster crystals of calcium oxalate of about 30 µm in diameter.

Method: MIC-MTD-014

Identification C (by HPTLC) EP Monograph

THC-dominant. (Conforms)

Method: LAB-MTD-061

Comments

CS-021-26

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by:

Disha Mehta
Quality Control and Release

ISO 17025:2017
Accredited Laboratory