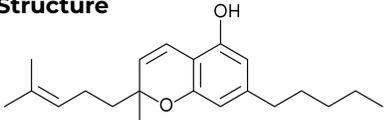


Specifications for BayMedica Cannabichromene

Information

Name	Cannabichromene	Physical Description	Yellow/Orange Oil
Synonyms	CBC	Chemical Structure	
CAS	20675-51-8		
Chemical Formula	C ₂₁ H ₃₀ O ₂		
Molecular Weight	314.469		
IUPAC Name	2-methyl-2-(4-methylpent-3-enyl)-7-pentylchromen-5-ol		

Analyte	Specification	Analyte	Specification
Cannabinoids		Heavy Metals	
CBC	≥ 95%	Arsenic	< USP Limit
CBCA	< LOQ	Cadmium	< USP Limit
CBCV	< LOQ	Lead	< USP Limit
CBD	< LOQ	Mercury	< USP Limit
CBDA	< LOQ		
CBDV	< LOQ	Residual Solvents (36)	ppm
CBDVA	< LOQ	Class I	ND
CBE	< LOQ	Class IIA	< USP Limit
CBG	< LOQ	Class IIB	< USP Limit
CBGA	< LOQ	Class III	< USP Limit
CBL	≤ 1.5%		
CBLA	< LOQ	Microbials	CFU/g
CBN	< LOQ	Coliforms	< 10,000
CBNA	< LOQ	Yeast & Mold	< 10
CBT	≤ 3.5%	Aerobic Bacteria	< 100
Δ8-THC	ND	Salmonella	< 10
Δ9-THC	ND	Total Enterobacteriaceae	< 10
Δ9-THCA	ND		
Δ9-THCV	< LOQ	Mycotoxins	ppb
Δ9-THCVA	< LOQ	B1	< LOQ
		B2	< LOQ
		G1	< LOQ
		G2 Ochratoxin A	< LOQ
Other	Specification	Pesticides	ppb
Identity	Conforms by NMR	51 Pesticides	< LOQ
Mass	314.7 by LC/MS		
Water	< 1.0%		
Impurities	If > 0.5%		

Storage

Store in a cool, dark place (refridgeration ideal). Avoid prolonged exposure to ultraviolet light or exposure to heat.

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

CUSTOMER:

BayMedica Inc.
930 Tahoe Blvd., Ste 802-433
Incline Village, NV 89451



SAMPLE INFORMATION

Sample No.: 1225067
Product Name: CBC-240612
Matrix: Concentrate (Distillate)
Lot #: CBC-240612

Date Collected: 06/14/2024
Date Received: 06/13/2024
Date Reported: 06/18/2024

TEST SUMMARY

Cannabinoid Profile: ✔ Tested
Pesticide Residue Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass

Microbiological Screen: ✔ Tested
Residual Solvent Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Cannabinoid Profile

06/18/2024

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.2666 mg/g
Limit of Quantitation 0.8000 mg/g

Cannabinoid	mg/g	%
Δ8-THC	ND	ND
Δ8-THCV	ND	ND
Δ9-THC	ND	ND
Δ9-THCA	ND	ND
Δ9-THCV	ND	ND
Δ9-THCVA	ND	ND
CBD	ND	ND
CBDA	ND	ND
CBC	998.1	99.81
CBCA	ND	ND
CBDV	ND	ND
CBDVA	ND	ND
CBG	ND	ND
CBGA	ND	ND
CBN	ND	ND
CBL	ND	ND
CBTC	ND	ND
Δ8-THC Acetate*	ND	ND
Δ9-THC Acetate*	ND	ND
9(R)-HHC Acetate*	ND	ND
9(S)-HHC Acetate*	ND	ND
9(R)-HHCP*	ND	ND
9(S)-HHCP*	ND	ND
1(R)-THD*	ND	ND
1(S)-THD*	ND	ND
Δ9-THCB	ND	ND
Δ9-THCH*	ND	ND
δ8-THCP*	ND	ND
δ9-THCP	ND	ND
Total THC	ND	ND
Total CBD	ND	ND
Total Cannabinoids	998.1	99.81
Sum of Cannabinoids	998.1	99.81

Total THC = Δ8-THC + Δ9-THC + (0.877 * THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

Microbiological Screen

06/18/2024

Analyte	Findings	Units	Method
Standard Plate Count	<10	cfu/g	FDA BAM
Yeast	<10	cfu/g	FDA BAM
Mold	<10	cfu/g	FDA BAM
Coliforms	<10	cfu/g	FDA BAM - ECC AGAR
Escherichia coli	<10	cfu/g	FDA BAM - ECC AGAR

Pesticide Residue Screen ✔ Pass

06/18/2024

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.1	Pass
Acephate	0.02/0.06	ND	0.1	Pass
Acequinocyl	0.04/0.10	ND	0.1	Pass
Acetamiprid	0.017/0.05	ND	0.1	Pass
Aldicarb	0.02/0.06	ND	0.02	Pass
Azoxystrobin	0.02/0.06	ND	0.1	Pass
Bifenazate	0.02/0.06	ND	0.1	Pass
Bifenthrin	0.04/0.10	ND	3.0	Pass
Boscalid	0.02/0.06	ND	0.1	Pass
Captan	0.2/0.6	ND	0.7	Pass
Carbaryl	0.02/0.06	ND	0.5	Pass
Carbofuran	0.017/0.05	ND	0.017	Pass
Chlorantraniliprole	0.02/0.06	ND	10.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.06	ND	0.02	Pass
Chlorpyrifos	0.02/0.06	ND	0.02	Pass
Clofentezine	0.02/0.06	ND	0.1	Pass
Coumaphos	0.02/0.06	ND	0.02	Pass
Cyfluthrin	0.10/0.30	ND	2.0	Pass
Cypermethrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.017/0.05	ND	0.017	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.013	Pass
Diazinon	0.017/0.05	ND	0.1	Pass
Dimethoate	0.017/0.05	ND	0.017	Pass
Dimethomorph	0.017/0.05	ND	2.0	Pass
Ethoprop(hos)	0.02/0.06	ND	0.02	Pass
Etofenprox	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	0.1	Pass
Fenhexamid	0.017/0.05	ND	0.1	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Fenpyroximate	0.02/0.06	ND	0.1	Pass
Fipronil	0.02/0.06	ND	0.02	Pass
Flonicamid	0.02/0.06	ND	0.1	Pass
Fludioxonil	0.02/0.06	ND	0.1	Pass
Hexythiazox	0.02/0.06	ND	0.1	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	5.0	Pass
Kresoxim Methyl	0.02/0.06	ND	0.1	Pass
Malathion	0.017/0.05	ND	0.5	Pass
Metalaxyl	0.017/0.05	ND	2.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.013/0.04	ND	1.0	Pass
Methyl parathion	0.02/0.06	ND	0.02	Pass
Mevinphos	0.02/0.06	ND	0.02	Pass
Myclobutanil	0.02/0.06	ND	0.1	Pass
Naled	0.017/0.05	ND	0.1	Pass
Oxamyl	0.013/0.04	ND	0.5	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.017/0.05	ND	0.1	Pass
Permethrins	0.10/0.30	ND	0.5	Pass
Phosmet	0.02/0.06	ND	0.1	Pass
Piperonyl Butoxide	0.02/0.06	ND	3.0	Pass
Prallethrin	0.04/0.10	ND	0.1	Pass
Propiconazole	0.02/0.06	ND	0.1	Pass
Propoxur	0.013/0.04	ND	0.013	Pass
Pyrethrins	0.15/0.50	ND	0.5	Pass
Pyridaben	0.017/0.05	ND	0.1	Pass

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Spinetoram	0.02/0.06	ND	0.1	Pass
Spinosad	0.02/0.06	ND	0.1	Pass
Spiromesifen	0.04/0.10	ND	0.1	Pass
Spirotetramat	0.02/0.06	ND	0.1	Pass
Spiroxamine	0.017/0.05	ND	0.017	Pass
Tebuconazole	0.02/0.06	ND	0.1	Pass
Thiacloprid	0.013/0.04	ND	0.013	Pass
Thiamethoxam	0.02/0.06	ND	5.0	Pass
Trifloxystrobin	0.02/0.06	ND	0.1	Pass

Residual Solvent Screen ✔ Pass

06/18/2024

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.5/0.5	ND	1	Pass
Acetone	57/200	ND	5000	Pass
Acetonitrile	56/200	ND	410	Pass
Benzene	0.5/0.5	ND	1	Pass
n-Butane	45/200	ND	5000	Pass
Chloroform	0.5/0.5	ND	1	Pass
Ethanol	37/200	ND	5000	Pass
Ethyl acetate	38/200	ND	5000	Pass
Ethyl ether	37/200	ND	5000	Pass
Ethylene oxide	0.1/0.5	ND	1	Pass
n-Heptane	135/200	ND	5000	Pass
n-Hexane	49/200	ND	290	Pass
Isopropyl alcohol	57/200	ND	5000	Pass
Methanol	37/200	ND	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	5000	Pass
Propane	72/200	ND	5000	Pass
Toluene	49/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	58/200	ND	2170	Pass
Trichloroethylene	0.5/0.5	ND	1	Pass

Heavy Metal Screen ✔ Pass

06/18/2024

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	0.2	Pass
Cadmium	0.02/0.05	ND	0.2	Pass
Mercury	0.02/0.05	ND	0.1	Pass
Lead	0.02/0.125	ND	0.5	Pass

Mycotoxin Screen ✔ Pass

06/18/2024

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/kg)	Findings (µg/kg)	Limit (µg/kg)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by



Vu Lam
Lab Co Director



Scan to verify

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cannabichromene / Polyphenol Resin
Company: BayMedica LLC
Address: 930 Tahoe Blvd, Ste. 802-433, Incline Village, NV 89451
Tel: +1-970-946-0439
Website: www.baymedica.com
E-mail: cmeiering@baymedica.com

2. HAZARDS IDENTIFICATION

Physical Hazards: Not classified
Health Hazards: Not classified
Environmental Hazards: Not classified
Pictograms: None
Signal word: No signal word
Hazard statements: None
Precautionary statements: None
Description of other hazards: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: 2-methyl-2-(4-methylpent-3-enyl)-7-pentylchromen-5-ol
CAS#: 20675-51-8
Purity: >=95%
Formula: C₂₁H₃₀O₂
Molecular Weight: 314.47
Hazard Symbols: None
Risk Phrases: None

4. FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult a doctor.
Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Consult a doctor.
Ingestion: Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cups of milk or water. Consult a doctor.



Inhalation: Remove from exposure and move to fresh air immediately. Consult a doctor.

Indication of immediate medical attention and special treatment needed: Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: Dry chemical, foam, water spray, carbon dioxide.

Precautions for firefighters: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

Equipment for firefighters: When extinguishing fire, be sure to wear personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors, mist or gas.

Measures for environmental protection: Do not let product enter drains.

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Decontaminate spill site with 10% detergent solution and ventilate area until after disposal is complete.

7. HANDLING AND STORAGE

Precautions for safe handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Keep away from sources of ignition. Avoid prolonged or repeated exposure.

Storage: Store in a cool, dark place. Avoid prolonged exposure to ultraviolet light. Avoid prolonged exposure to high temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Wear safety glasses and chemical goggles if splashing is possible.

Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Reddish Orange Oil
Odor: No data available
Odor Threshold: No data available
pH: No data available
Melting point: No data available
Freezing point: No data available
Initial boiling point and boiling range: No data available
Flash point: No data available
Evaporation rate: No data available
Flammability (solid, gas): No data available
Flammability or explosive limits: No data available
Vapor pressure: 173mm Hg
Vapor density: No data available
Relative density: No data available
Water solubility: No data available
Partition coefficient: No data available
Autoignition temperature: 455 C
Decomposition temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties: No data available

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.
Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials, strong oxidants, heat.
Incompatibilities with Other Materials: Strong oxidizing/reducing agents, strong acids/alkalis.
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.
Hazardous Polymerization: Has not been reported.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data: Intraperitoneal LD50 (mouse): 113 mg/kg; Intravenous LD50 (monkey): 270 mg/kg; Intraperitoneal TDLO (rat): 30 mg/kg; Skin TDLO (mouse): 767.404 mg/kg; Oral TDLO (mouse): 50 mg/kg;

Chronic Toxicity Data: Investigated as a mutagen and reproductive effector.
See Registry of Toxic Effects of Chemical Substances (RTECS) Number: DJ2930000 for complete information.

Carcinogenicity:
IARC: No

NTP: No
OSHA Regulated: No

12. ECOLOGICAL INFORMATION

Toxicity: No data available
Persistence and degradability: No data available
Bioaccumulation: No data available
Mobility in soil: No data available

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

Hazards Class: Does not meet the criteria for classification as hazardous for transport.

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

Does not meet the criteria for classification as hazardous for transport.

DOT regulations: Does not meet the criteria for classification as hazardous for transport.

- **Hazard class:** Not a dangerous good
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** Not a dangerous good
- **Maritime transport IMDG:** Not a dangerous good

Air transport ICAO-TI and IATA-DGR: Not a dangerous good

- **ICAO/IATA Class:** Not a dangerous good

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: No data available

Chemical Safety Assessment: No data available





US Federal Regulations

SARA Section 355 (extremely hazardous substances): Not listed

SARA Section 313 (specific toxic chemical listings): Not listed

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): Not listed

TSCA (Toxic Substances Control Act): Not listed

16. ADDITIONAL INFORMATION

This MSDS above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

END OF SAFETY DATA SHEET

