



Cannabinoid Formulations,
Active Pharmaceutical Ingredients,
and Feminized Seeds

by



AVICANNA™



LOW COST, ORGANIC AND SUSTAINABLE CULTIVATION

Ranked highest on amongst global cannabis companies in the
SAM Corporate Sustainability Index issued by S&P Global



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About Avicanna

Avicanna (**TSX: AVCN**) is a diversified and vertically integrated Canadian biopharmaceutical company focused on the research, development, and commercialization of plant-derived cannabinoid-based products for the global consumer, medical, and pharmaceutical market segments.

Avicanna is an established leader in cannabinoid research and development, which it primarily conducts at its R&D headquarters in the **Johnson & Johnson Innovation Centre, JLABS @ Toronto**, Canada and in collaboration with leading Canadian academic and medical institutions. In addition to its developing pharmaceutical pipeline, Avicanna's team of experts have developed and commercialized several industry leading product lines, including RHO Phyto medical cannabis and Pura HW CBD-Based derma-cosmetics.



ABOUT AUREUS

Aureus is Avicanna's B-B brand of feminized seeds and cannabinoid Active Pharmaceutical Ingredients ("API") and formulations offered with quality testing and tracking.

Foothills of Sierra Nevada,
Santa Marta, Colombia



THE AUREUS ADVANTAGE

- Avicanna's pharmaceutical approach to quality and consistency
- Organic, sustainable, and responsibly sourced materials from Colombia
- Reliable and traceable source of active ingredients and formulations
- Documentation and testing results meeting EU and US pharmacopeia
- Advanced R&D and custom formulations



United States
Sourced Offerings

Colombian
Sourced Offerings

Active Pharmaceutical Ingredients

Aureus offers Colombian and US sourced cannabinoid API derived from Certified hemp and cannabis plants compliant with EU and US pharmacopeia standards.

- CBD crude, distillate and isolate
- CBG crude, distillate and isolate
- THC crude and distillate
- THC-Free distillate
- CBD and CBG water soluble solid lipid nano particles

Avicanna's R&D headquarters in
theMaRS discovery district of Toronto

COLOMBIAN SOURCED OFFERINGS

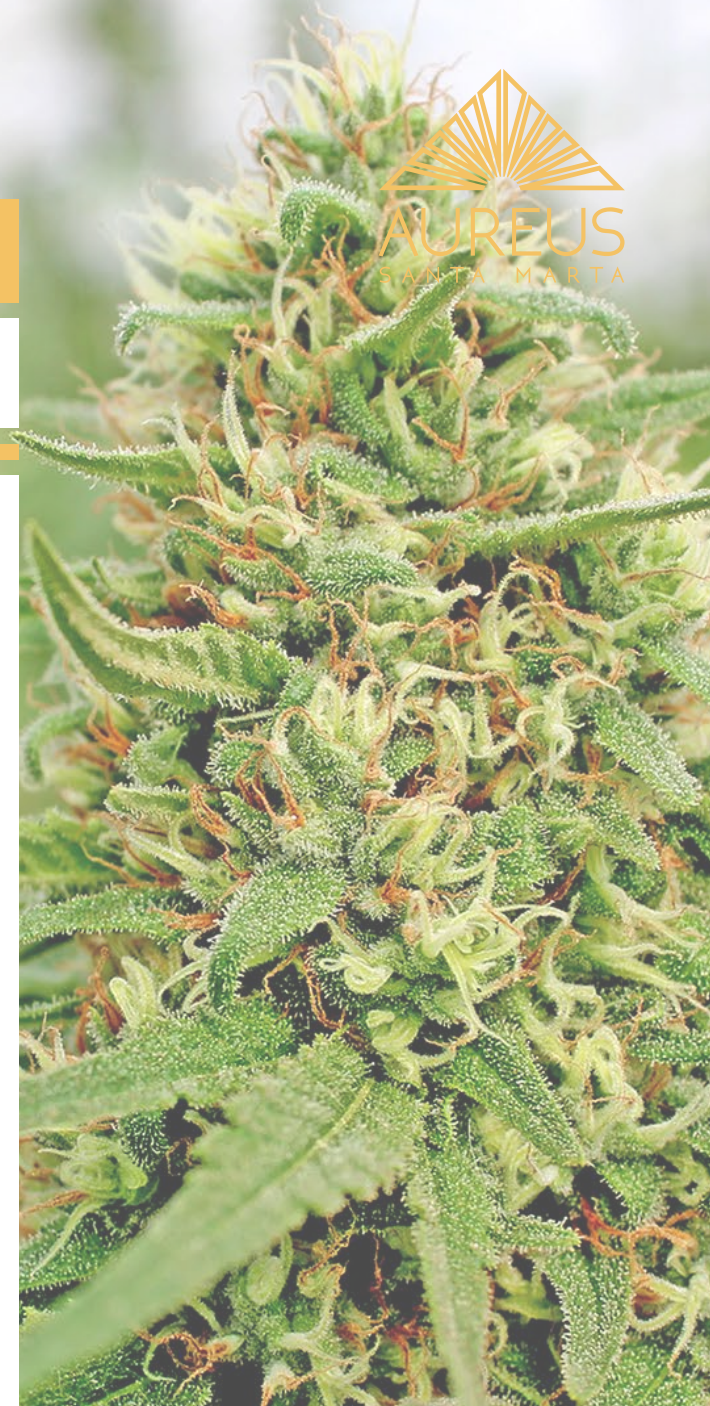
Foothills of Sierra Nevada,
Santa Marta, Colombia

API

Sourced from Colombia

Avicanna's Aureus brand of cannabinoids sourced from Colombia¹ are available in a broad range of products.

Product	CBD Content	CBG Content	THC Content
CBG			
CBG Isolate (Organic)	0	99%	0
CBG Distillate (Organic)	1%	90%	1%
CBG Crude (Organic)	1%	75%	0.7%
CBG Broad Spectrum (Organic)	1%	80%	-
CBD			
CBD Isolate (Organic)	99%	0	0
CBD Broad Spectrum (Organic)	30%	0	0
CBD Broad Spectrum (Organic)	80%	5%	0
CBD Full Spectrum (Organic)	65%	0	4%
CBD Biomass (Organic)	-	-	-
THC			
THC Full Spectrum Resin (Organic)	4%	0	70%
THC Biomass (Organic)	-	-	-



Coming Soon: Rare cannabinoids including Cannabichromene (CBC) and Cannabinol (CBN)

1. All CBD and CBG products sourced from Colombia are derived from organically cultivated hemp.



Bulk Formulations Sourced from Colombia



Avicanna's Aureus brand of cannabinoids sourced from Colombia¹ are available in a broad range of products.



Non-controlled substance – Avicanna's RHO Phyto formulations

- 5% CBD Oil drops (blood orange flavour)
- 10% CBD Oil drops (blood orange flavour)
- 4% CBD Sublingual spray (peppermint flavour)
- 10% CBD Sublingual spray (peppermint flavour)
- 1% CBD local cream
- 1% CBD deep tissue gel (+ Menthol)
- Custom formulations including CBD/CBG

Controlled substance – Avicanna's RHO Phyto formulations

- 5% CBD - 0.2% THC Oil drops (blood orange flavour)
- 2% CBD - 0.5% THC Oil drops (blood orange flavour)
- 2% CBD - 1% THC Sublingual spray (peppermint flavour)
- 4% CBD - 0.2% THC Sublingual spray (peppermint flavour)
- Custom formulations including CBD/CBG

Organic and Sustainable Cultivation in the Foothills of the Sierra Nevada

Dedicated to environmental preservation and powered by Avicanna's cultivation projects, Aureus offers cannabinoids sourced from USDA certified organically cultivated hemp and sustainable, sun-grown cannabis. Plants used in the manufacturing of Aureus products are grown using an approach that promotes and maintains a living soil system.

The use of chemical pesticides and herbicides are harmful for the consumer, the plant, and mostly the environment. Chemicals used in conventional agriculture are responsible for poisoning water sources, damaging the soil and diminishing its ability to sequester carbon dioxide which is a major cause for global warming. Our cultivation practices strive to maintain soil free from synthetic compounds as a compromise to our planet.



USDA | United States
Department of Agriculture

Santa Marta Cultivation Projects, Optimal Environmental Conditions Within the Micro-Climate of The Sierra Nevada

The distinct microclimate of the Sierra Nevada region offers consistent optimal temperatures, low relative humidity, fertile lands, clean water, and a consistent 12 hours of sunlight daily - ideal conditions for the cultivation of cannabis and hemp. This region has historically been regarded as a cannabis cultivation hub, where world famous strains such as "Santa Marta Gold" have been discovered and cultivated.



Both of Avicanna's subsidiaries, Santa Marta Golden Hemp S.A.S. and Sativa Nativa S.A.S., are positioned in Santa Marta and are federally licensed for cultivation, processing, and sales, allowing Aureus products to be sold in both domestic and international markets. All commercial cultivars are successfully registered with the Instituto Colombiano de Agricultura (Colombian Ministry of Agriculture).

Avicanna Formulations and Private-Label Production

R&D and Custom Formulations

- Available bulk formulations including over 60 SKUs of oral, sublingual, and topical formulations (water soluble, high bioavailability, high temperature cooking/baking)
- Avicanna's R&D capabilities and experience leveraged to offer customized formulations to meet the needs of clients worldwide

White-Label Manufacturing and Customized Finished Products

- Available finished products with advanced R&D and pre-clinical data
- Range of deliveries and doses including capsules, tablets, drops, sublingual sprays, topical creams and gels
- Manufactured in accordance with GMP certification by ANVISA (Brazil), Health Canada, and INVIMA (Colombia)
- Analytical results provided



World Class Standards Throughout the Full Value Chain

GACP - Starting from the source of sun-grown cultivation in Santa Marta, the full value chain is integrated, controlled, and tracked from seeds to the final extracts. All cultivation and post harvest is done in accordance with Good Agricultural and Collection Practices (“GACP”) and tracked through Ample Organics software.

GMP - Utilizing Avicanna’s extraction, purification and analytical expertise, Aureus finished products are processed and tested using the highest international standards of quality in accordance with Good Manufacturing Practices (“GMP”). Full value chain quality control and analytical testing will ensure that the crops and API meet Health Canada, US and EU Pharmacopeia standards, including analysis of pesticides, heavy metals, aflatoxins, microbial testing, residual solvents, and cannabinoid ratios.



UNITED STATES SOURCED OFFERINGS

API & Feminized Seeds

Sourced from the United States

Product	CBD Content	CBG Content	THC Content
CBG			
CBG Isolate	0	99%	0
CBG Distillate	1%	90%	1%
CBG Crude	1%	75%	0.7%
CBG Bio-mass	0	12%	0
CBD			
CBD Isolate	99%	0	0
CBD Broad Spectrum	85%	5%	0
CBD Full Spectrum	85%	2%	1%
CBD Bio-mass	10%	0	0

Avicanna's Aureus brand of cannabinoids sourced from the United States¹ ("US") are available in a broad range of products, produced in partnership with one of the largest extractor and manufacturers of CBD and CBG in the US. Aureus is providing leading genetics, and sources of highest quality crude oils, distillates, and isolates sourced from American hemp production across several states. All hemp cultivation is conducted in compliance with the US Farm Bill and applicable state laws and further supported by extraction and processing licensed by state departments of health. All final cannabinoid API are tested using validated methodologies for heavy metals, residual solvents, aflatoxins, mycotoxins, pesticides and cannabinoid content in line with EU and US pharmacopeia.

Coming Soon: Rare cannabinoids including Cannabichromene (CBC) and Cannabinol (CBN)

1. All products sourced from the United States are produced by a trusted partner of Avicanna Inc.



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Contact us
for pricing and
more information