



AUREUS
SANTA MARTA

by



AVICANNA™

BROCHURE NOVEMBER 2020

CANNABINOID FORMULATIONS,
ACTIVE PHARMACEUTICAL INGREDIENTS,
AND FEMINIZED SEEDS



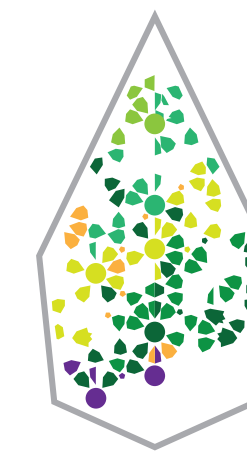
Low cost, Organic and Sustainable Cultivation

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

DISCLAIMER: The information contained in this brochure is provided 'as-is' and without any warranties of any kind, whether expressed or implied, including but not limited to, implied warranties of satisfactory quality, fitness for a particular purpose and/or correctness. The contents of this brochure are for general information purposes only and does not constitute advice. Avicanna Inc. does not represent or warrant that the information and/or specifications contained in this brochure are accurate, complete or current and specifically stipulate that certain product details and specifications contained in this brochure may differ in available jurisdictions. Therefore, Avicanna Inc. makes no warranties or representations regarding the use of the content, details, specifications, or information contained in this brochure in terms of their correctness, accuracy, adequacy, usefulness, timeliness, reliability or otherwise, in each case to the fullest extent permitted by law. The products in this brochure are subject to availability. We will make our best efforts to inform you as soon as possible if the goods you have ordered are not available or if shipment may be delayed. All prices are subject to change without notification.



University of Toronto Faculty of Pharmacy



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 Aurus

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

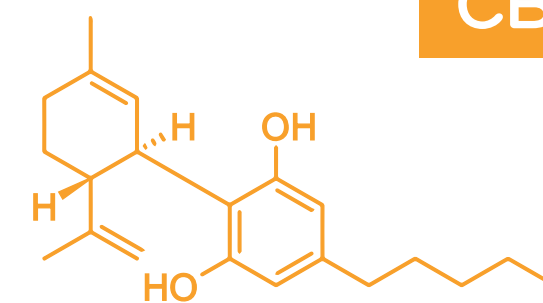


Avicanna's R&D headquarters in the MaRS
Discovery District of Toronto

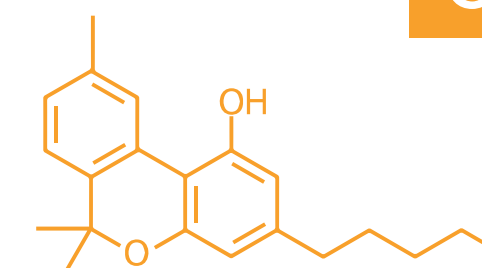


Active Pharmaceutical Ingredients

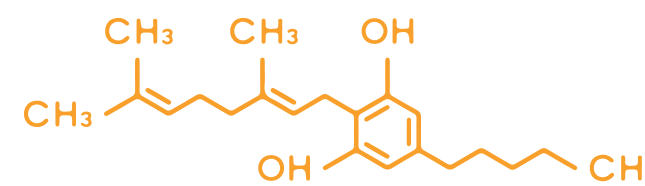
Aureus offers Colombian and US sourced cannabinoid API derived from Certified hemp and cannabis plants compliant with EU and US pharmacopeia standards.



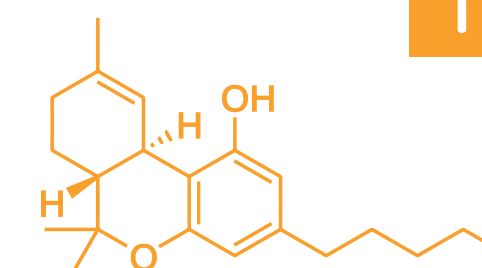
CBD



CBN



CBG



THC

- 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



COLOMBIAN SOURCED OFFERINGS

API

Sourced from Colombia

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



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

| Product | CBD Content | CBG Content | THC Content |
|-------------------------------|-------------|-------------|-------------|
| CBG | | | |
| CBG Isolate | - | 98% | - |
| CBG Distillate | 1% | 90% | 1% |
| CBG Full Spectrum | 14% | 68% | 0.7% |
| CBG + Terpenes Broad Spectrum | 1% | 80% | - |
| CBG Flower | 0,2% | 14,7% | 0,2% |
| CBD | | | |
| CBD Isolate | 98% | - | - |
| CBD Broad Spectrum | 30% | - | - |
| CBD + Terpenes Broad Spectrum | 80% | 5% | - |
| CBD Full Spectrum | 65% | - | 3% |
| CBD Water Soluble | 10% | - | - |
| CBD Flower | 14% | - | 0,6% |
| THC | | | |
| THC Full Spectrum Resin | 4% | - | 70% |
| THC Flower | 0.2% | - | 18% |

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).




Wind
m / s
5.5


Temp
°C
28


Rainfall
mm
545


RH
%
66

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

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.

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

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



Tracking and Tracing

ample**organics** 

- Ample organics plant tracking
- True trace tracking of API shipments

Full Suite Validated Analytical Testing

- Included with commercial certificate of analysis
- Cannabinoid ratios
- Terpenes
- Microbiology
- Heavy metals
- Pesticide
- Residual solvent





info@aureussantamarta.com
aureussantamarta.com

Contact us
for pricing and
more information