



AUREUS
SANTA MARTA

by
AVICANNA

PRODUCT

OFFERING

Cannabinoid Formulations,
Active Pharmaceutical Ingredients,
and Feminized Seeds



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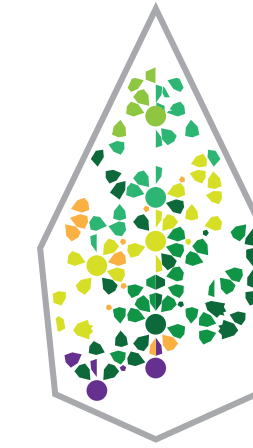
[@aureusssm](https://www.instagram.com/aureusssm)



[Aureus Santa Marta](https://www.linkedin.com/company/Aureus-Santa-Marta)



University of Toronto Faculty of Pharmacy



ABOUT AVICANNA

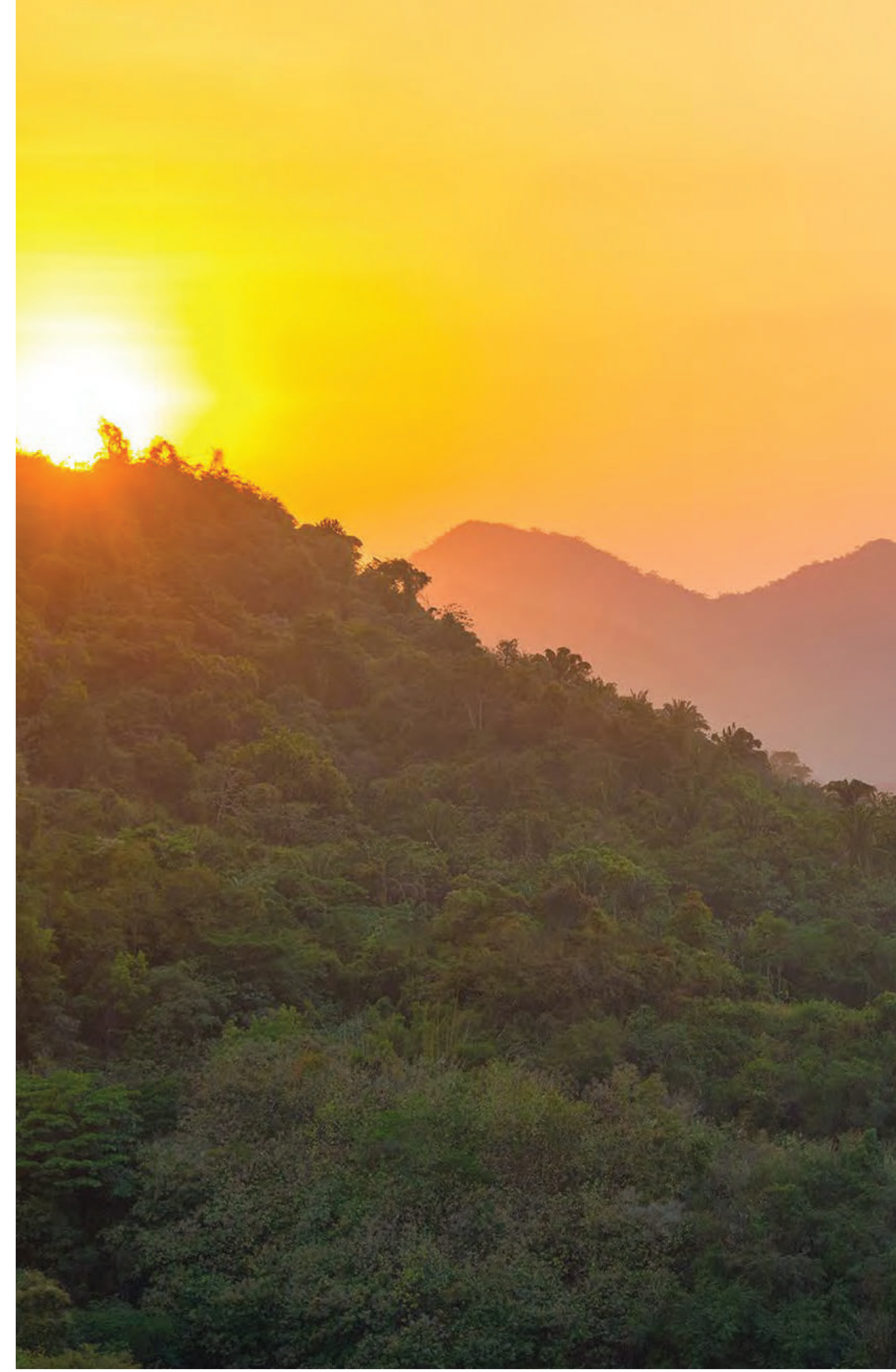
Avicanna (TSX: AVCN) is a diversified, vertically integrated Canadian biopharmaceutical company focused on the research, development, and commercialization of plant-derived cannabinoid-based products for the global consumer, medical and pharmaceutical market segments. Avicanna is an established leader in cannabinoid research and development in collaboration with leading Canadian academic and medical institutions.

In addition to its portfolio of pharmaceutical products under development, Avicanna's team of experts has developed and commercialized several industry-leading product lines, including RHO Phyto medical cannabis and Pura HW CBD-based dermocosmetics.



ABOUT SMGH

Santa Marta Golden Hemp S.A.S. is Avicanna's majority-owned licensed producer subsidiary in Colombia, which also holds Good Agricultural and Collection Practices (GACP) certification and United States Department of Agriculture ("USDA") National Organic Program certification for its hemp cultivar, which manufactures seeds, dried flower and high-CBD, CBG and THC derivatives.



Santa Marta Colombia, optimal natural conditions for the cultivation of cannabis and hemp

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.

Avicanna's subsidiary, Santa Marta Golden Hemp S.A.S is 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).



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



USDA | United States Department of Agriculture

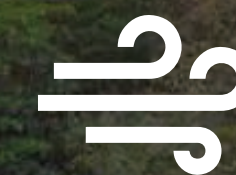


GACP | Good Agricultural and Collection Practices

ORGANIC AND SUSTAINABLE

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.



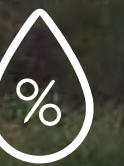
Wind
m/s
5.5



Temp
°C
28



Rainfall
mm
545



RH
%
66



ABOUT AUREUS

Aureus is Avicanna's business to business brand of Active Pharmaceutical ingredients (API), standardized formulations and feminized seeds.



THE AUREUS ADVANTAGE

- Avicanna's pharmaceutical approach to quality and consistency
- Organic, sustainable, and responsibly sourced materials from Colombia
- Advanced R&D and custom formulations

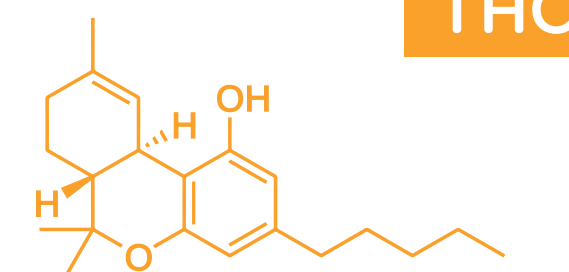
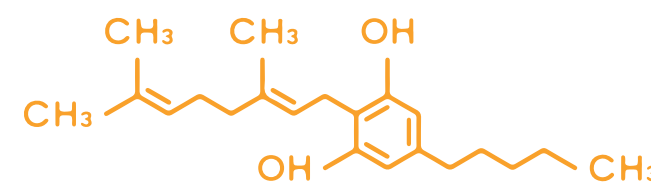
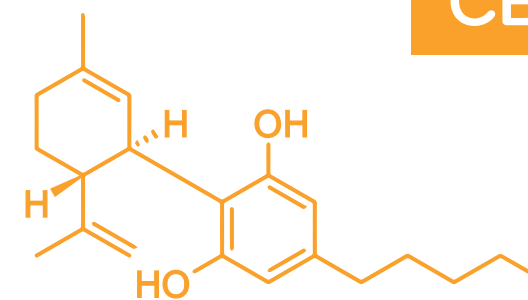
 Successfully exported to 16 countries

Foothills of Sierra Nevada, Santa Marta, Colombia



ACTIVE PHARMACEUTICAL INGREDIENTS

Aureus offers Colombian and US sourced cannabinoid API derived from Certified hemp, in two different standards: **pharmaceutical** compliant with EU and US pharmacopeia standards and **Cosmetic**.



- CBD full Spectrum, distillate and isolate
- CBG full spectrum and isolate
- THC full spectrum and distillate
- THC-Free broad spectrum CBD or CBG
- CBD and CBG water soluble

ACTIVE PHARMACEUTICAL INGREDIENTS (API) PRODUCED IN COLOMBIA

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

Pharmaceutical Grade Traceability of batch-record, stability studies and full panel testing:

- Cannabinoid profile (11 cannabinoids)
- Terpenes
- Heavy metal
- Microbiology
- Residual solvents
- Pesticides
- Aflotoxines
- Ochratoxins
- Moisture content

Cosmetic Grade

- Cannabinoid profile (HPLC)

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

Product	CBD Content	CBG Content	THC Content	Pharmaceutical Grade	Cosmetic Grade
THC					
THC Full Spectrum	2% ± 2	-	74% ± 10	✓	—
THC Distillate ≥75%	3% ± 2.5	-	≥ 75%	✓	—
THC Distillate ≥84%	3% ± 2.5	-	≥ 84%	✓	—
THC Distillate ≥90%	3% ± 2.5	-	≥ 90%	✓	—
CBD					
CBD Isolate	100% ± 2	-	-	✓	✓
CBD Distillate ≥70%	≥70%	-	4.5% ± 2.5	✓	—
CBD Distillate ≥90%	≥90%	-	4.5% ± 2.5	✓	—
CBD Full Spectrum	68% ± 8	-	3% ± 2.5	✓	—
CBD Broad Spectrum	80% ± 5	-	-	—	✓
CBD Water Soluble	5% ± 0.5	-	-	—	✓
CBG					
CBG Isolate	-	100% ± 2	-	✓	✓
CBG Broad Spectrum	-	80% ± 5	-	—	✓



TRACKING AND TRACING

ampleorganics 

Ample organics plant tracking

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.



by



AVICANNA™

food & supplements

PRESENTATION



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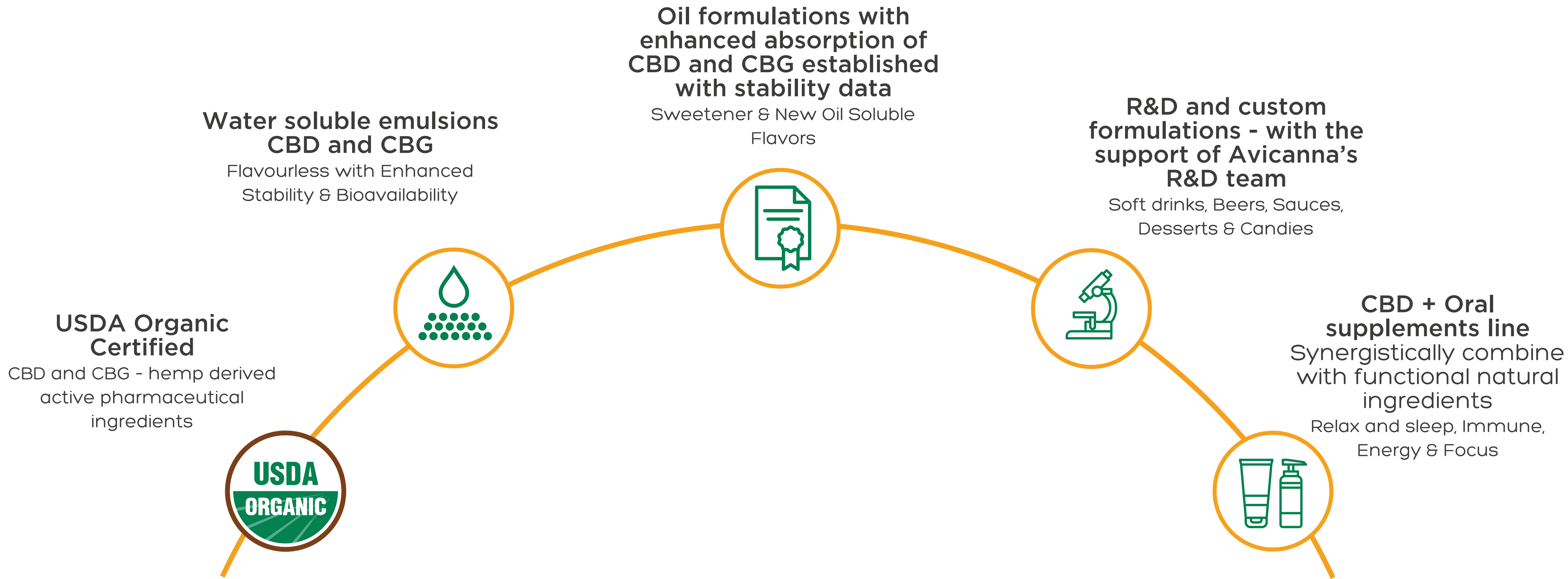
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AVICANNA™

food & supplements

Overview



R&D and custom formulations

- a. Collaborative approach to optimize cannabinoid formulations for food, beverage and supplements
- b. In house - stability and in-vitro analysis platform
- c. 5+ years of cannabinoid R&D experience including 30+ commercial SKUs of cannabinoid-based cosmetics, medical and pharmaceutical products
- d. R&D laboratories in Canada and Colombia with 10+ scientists

CBD+ Oral supplements line

- a. Synergistic combination of CBD with other natural ingredients for specific benefits
 - i. Sleep capsules
 - ii. Immune capsules
 - iii. Awake capsules
 - iv. Calm & Focus capsules
- b. Enhanced bioavailability self emulsifying drug delivery systems (SEDDS)



A close-up photograph of a green cannabis bud on a stem, set against a blurred background of warm, golden bokeh lights. The bud is in sharp focus, showing its intricate structure and fine hairs. The stem is also visible, covered in fine hairs. An orange rectangular box with rounded corners is overlaid on the right side of the image, containing white text.

**FEMINIZED &
STANDARDIZED SEEDS**

SEEDS

FEMINIZED AND STANDARDIZED SEEDS WITH FULL FEDERAL REGISTRATION



Product	% CBD	% THC	% CBG	Flowering Days
AV011 CBD	15-17	0.5-0.9	-	52-60
AV040 CBG	1-3	0.1-0.2	15-17	50-60
AV030 THC	0.5	20-21	-	55-60
AV070 CBD	14-16	0.4-0.6	-	55-60

SEEDS **SOURCED FROM COLOMBIA**

Avicanna's breeding and seed production programs takes place in the foothills of Sierra Nevada of Santa Marta through its fully licensed cultivation subsidiary, **Santa Marta Golden hemp S.A.S.**

We utilize organic and sustainable farming practices and leverage on our optimal microclimate conditions of low relative humidity and 12 hours of natural sunlight, which allows for consistent and reproducible crops all year round. **Santa Marta Golden Hemp cultivation is USDA organic certified for its hemp cultivar.**

29 federally registered commercial genetics have gone through full evaluation and characterization, registration with the relevant Colombian regulatory authorities and are permitted for both domestic sales and exports.

Avicanna's team have sourced legendary cultivars and have developed unique genetics, through proprietary breeding techniques to provide a diverse range of stabilized and feminized cannabis and hemp cultivars.

BREEDING EXPERTISE **VALUE PROPOSITION**

The **Aureus Seeds** value proposition includes an initial assesment of the growing conditions, microclimate and seasonal events by our technical team of master growers and agro engineers. Once the material is received, the Avicanna Team will assist in monitoring the process in order to ensure an optimal performance of the varieties considering the needs and objectives of each specific customer.



AV011^{CBD}

This sativa dominant F1 hybrid, a tall plant that flowers quickly and is great for both small and large scale productions. Very resistant to pests and diseases making AV011 a great choice for growing in harsh conditions. It is our most commercial cultivar and produces large flowers covered in **CBD rich cannabinoids** and has a very unique citrus terpene profile.



AV040^{CBG}

This indica dominant hybrid is the result of generations of selective breeding that led us to this rare cultivar with **high levels of CBG** and **stable levels of CBD** and **trace amounts of THC below 0.2%**.

Short/medium bushy plant that has short internodes and produces dense and resinous flowers. Doesn't require a lot of handling and it's great for all type of grows.



AV030^{THC}

This sativa dominant hybrid produces more flowers and resin than biomass making the perfect plant for large scale productions and whole plant extraction. AV030 is **THC dominant** and tends to get tall and heavy at the end of its cycle. Very rich in terpenes and flavonoids.



A close-up photograph of a plant's reproductive structure, showing a central flower head surrounded by numerous green, pointed bracts. The background is dark, making the green and yellowish-brown colors of the plant stand out. An orange rectangular box with rounded corners is overlaid in the center, containing the text 'FLOWER & BIOMASS' in white, bold, uppercase letters.

FLOWER & BIOMASS

FLOWER SOURCED FROM COLOMBIA

Benefiting from the optimal micro-climate of Santa Marta, the Aureus flower SKUs are cultivated in low-tech and high-tech green houses in an organic and sustainable manner. The flower is then post harvested in cold conditions to maintain the terpene and cannabinoid profiles.



Product	% CBD	% CBG	% THC
THC			
THC Flower	-	-	20-22 %
THC Flower Premium	-	-	25-29 %
CBD			
CBD Flower	14-16 %	-	-
CBD Flower Premium	15-17 %	-	-
CBG			
CBG Flower	-	15-16 %	-
CBG Flower Premium	-	16-17 %	-

BIOMASS SOURCED FROM COLOMBIA

Benefiting from the optimal micro-climate of Santa Marta, the Aureus bio-mass SKUs are cultivated in low-tech green houses in an organic and sustainable manner. The biomass is then post harvested in industrial conditions to remain economical while maintaining the cannabinoid profiles.



Product	% CBD	% CBG	% THC
THC			
THC Biomass	-	-	15-17 %
CBD			
CBD Biomass	12-14 %	-	-
CBG			
CBG Biomass Medium	-	4-5 %	-
CBG Biomass High	-	13-14 %	-



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Contact us
for pricing and
more information

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