



Raw Materials & Ingredient Systems

High-purity cannabinoids, extracts, functional delivery systems and specialized hemp-derived ingredients.

Cannabinoid APIs and isolates

PRODUCT	DETAILED SPECIFICATION
Delta-9 THC Distillate	85-95% THC, including 85-89% and 90-95% grades; triple-distilled and triple-filtered
CBD Isolate	>99% and >=99.5% grades; THC <1 ppm options; GMP-grade >99.9% CBD / <0.03% THC option; zero-residual-solvent options
CBG Isolate	>99% CBG; GMP-grade >99.1% CBG / <0.1% THC option
CBN Isolate	>98% CBN; GMP-grade >98.1% CBN option
THCa Isolate & Diamonds	95-98% THCa; GMP-grade >98% THCa option
CBDV Crystals	>=99% CBDV; THC <1 ppm

Oils, extracts and concentrates

PRODUCT	DETAILED SPECIFICATION
CBD Distillate	>75% CBD; ethanol extraction and in-house distillation capabilities
CBD Broad-Spectrum Oil	10-70% customizable CBD; THC <10 ppm standard or <1 ppm ultra-low; THCV non-detectable; MCT, cold-pressed hemp seed or extra-virgin olive-oil carrier options
Extracts & Concentrates	Live resin, live rosin, HTFSE, shatter, budder and liquid diamonds; GMP-grade live resin 75-83% and live rosin 70-77% options
Custom Extract Blends	Custom THC, CBD and minor-cannabinoid ratios with live resin, liquid diamonds, terpenes or carrier oils

Water-soluble and functional systems

SYSTEM	DETAILED SPECIFICATION
Microencapsulated Cannabinoid Powder	Water-dispersible powder engineered for rapid dissolution
Liquid Nanoemulsion	Water-compatible liquid system; formula-dependent fast-onset options available
Functional Product Systems	Custom potency, cannabinoid ratios, flavour systems and oil- or water-soluble formats

Specialized hemp ingredients

INGREDIENT	DETAILED SPECIFICATION
Hemp Polysaccharides	Water-soluble, non-psychoactive fraction
Hemp Leaf Essential Oil	Steam-distilled; natural terpene profile
Hemp Seeds	Food and nutritional raw material
Cold-Pressed Hemp Seed Oil	Omega-3 and Omega-6 rich nutritional oil



Finished Products & Contract Manufacturing

Support from formulation and ingredient sourcing through filling, packaging, testing and commercial production.

Finished-product manufacturing

Vapes & Inhalables

- Pre-filled cartridges and all-in-one disposables
- 0.5 g, 1.0 g, 1.2 g and 2.0 g fill sizes
- Distillate, live resin, HTFSE and liquid-diamond blends
- Custom cannabinoid ratios, terpene systems and dried-flower product support

Oral Products

- 30-50 mL tinctures and oral drops
- Amber or coated-glass dropper bottles and oral sprays
- MCT or hemp seed carrier bases
- CBD, CBN, THC and custom-ratio capsules or softgels

Beverages

- Ready-to-drink cannabinoid beverages
- Water-soluble liquid drops
- Powdered mix sticks
- Nanoemulsion and microencapsulated delivery systems

Topicals & Skincare

- Transdermal lotions, body creams and balms
- Anti-aging serums and facial products
- Cannabinoid and botanical skincare
- Custom potency, texture and format development

Hair & Personal Care

- Shampoos, conditioners, serums, masks and oils
- Botanical or cannabinoid formulas
- Private-label filling and packaging
- Formula transfer and commercial scale-up

NHP, OTC & Botanical

- Standardized GenBioChem phytomedicines and ginseng extracts
- Pain rubs, eczema creams, calamine mists and anti-itch care
- Hemorrhoidal ointments, suppositories, nasal sprays and cold-sore gels
- 99% isopropyl alcohol and topical personal-care products

Manufacturing, packaging and quality services

OEM, Private Label & Processing

- Custom cannabinoid and botanical formulation
- Cryogenic ethanol, hydrocarbon and botanical extraction; decarboxylation
- Winterization, distillation, crystallization and Prep-HPLC purification
- Microencapsulation, nanoemulsification and custom blending
- Toll extraction, toll distillation, pilot batches and commercial-scale production

Filling, Packaging & Testing

- Vape, bottle, jar, tube, pump, pouch, sachet and mix-stick programs
- Precision filling, labelling, shrink bands, sleeves and secondary packaging
- HPLC, LC-MS/MS, GC-FID/MS, ICP-MS and HPTLC analytical testing
- Potency, residual solvents, heavy metals, pesticides, terpenes and stability
- Batch specifications, traceability, COAs and quality documentation
- Network capabilities include a 70,000-sq.-ft. facility, Health Canada cannabis processing, DEL/GMP, licensed R&D/testing labs, FSSC 22000 and medical/scientific export support

REQUEST SPECS, COAs, SAMPLES, MOQs & WHOLESALE PRICING

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Specifications, certifications and availability vary by product and destination market. Confirm all requirements against current technical documents and applicable regulatory review.

