

ALCREA

HEALTH



CREATE. CUSTOM NUTRITIONAL SUPPLEMENTS

CAPACITY & CAPABILITIES

PITTSBURGH



One of the world's leading manufacturers of exceptional nutritional supplements for more than 50 years.

Location: Pittsburgh, PA

State-of-the-art manufacturing and packaging facilities

- * More than 150,000 sq. ft.
- * FDA audited facility

Certifications and accreditations

- * NSF GMP registration
- * ISO 9001 Certified Laboratories
- * Health Canada
- * Written Standard Operating Procedures (SOP) to comply with current Good Manufacturing Practices (cGMP) to ensure consistent quality
- * ISO 17025 accreditation of in-house laboratories performing Chemical, Physical, Microbial, Heavy Metal, Pesticides and Solvent Residue testing
- * Finished products are tested in accordance with USP/AOAC methods where applicable

- * Certificate of Analysis available
- * SQP (Supplier Qualification Program) ensuring supplier compliance
- * Compliance with the Public Health Security and Bioterrorism Preparedness and Response Act of 2002

Capacity

- * High-speed encapsulation – 593 million capsules per month
- * Semi-automatic encapsulation – 80,000,000 capsules per month
- * Tablet compression – 175,000,000 tablets per month
- * Mixing – 650,000 kgs per month
- * Bottling – seven high-speed packaging lines yielding millions of bottles per month

Galenic (dosage and delivery) forms

- * Tablets
- * Capsules
- * Powders
- * Softgels

Product details

- * Two-piece hard shell capsules (plant, animal, or fish gelatin origin)
- * Non-gelatin soft capsules
- * Time-release capsules
- * Tablets in various sizes and shapes
- * Tablet imprinting
- * Enteric-coated tablets and capsules
- * Pharmaceutical glaze or aqueous coating
- * Chewable tablets and lozenges

CAPACITY & CAPABILITIES

PITTSBURGH

Special innovations

Packaging Solutions:

- * Convenience Packs™, featuring daily supplement system
- * Full body sleeve
- * Blister packs
- * Blister packs with multiple daily dosing
- * Pouches
- * Boxes
- * Stick packs
- * Sachets
- * Label design creation/assistance
- * Package design/creation
- * Tamper-proof induction shrink sealing
- * Sensor tags

Formulation

- * Formulation and manufacturing experts on hand to help formulate custom products
- * Expert advice on absorption, bioavailability, content uniformity, regulatory concerns, and dosage requirements

Marketing Capabilities

- * Logo design
- * Package inserts
- * Technical data sheets
- * Brochures

Minimum orders or batch sizes

- * Small batch sizes – flexible manufacturing for small to large runs

Production lead time

Approximately 8 weeks

CAPACITY & CAPABILITIES

PHILADELPHIA



One of North America's largest volume contract manufacturer of banded hard two-piece liquid filled capsules, founded in 1998.

Location: Philadelphia, PA

Industry-leading facilities, featuring:

- * 45,000 sq. ft. facility
- * Four manufacturing suites
- * Two packaging lines
- * FDA audited facility

Certifications and accreditations

- * Health Canada
- * Written Standard Operating Procedures (SOP) to comply with current Good Manufacturing Practices (cGMP) to ensure consistent quality
- * ISO 17025 accreditation of in-house laboratories performing Chemical, Physical, Microbial, Heavy Metal, Pesticides and Solvent Residue testing
- * Finished products are tested in accordance with USP/AOAC methods where applicable

- * Certificate of Analysis available
- * SQP (Supplier Qualification Program) ensuring supplier compliance
- * Compliance with the Public Health Security and Bioterrorism Preparedness and Response Act of 2002

Capacity

- * 1 billion capsules/year
- * 90 million liquid capsules per month

Galenic (dosage and delivery) forms

Two piece liquid capsule composition

- * Gelatin
- * HPMC (Vegetable)
- * Fish gelatin
- * Semi-solid and hot-melt formulations
- * Oils and oil-based suspensions

Product details

Capsule size/average fill weight

- * Size 1: 375-425 mg
- * Size 0: 525-575 mg
- * Size 00: 775-825 mg

CAPACITY & CAPABILITIES

PHILADELPHIA

Special innovations

Beadlet/oil filling technology

- * Floating pearl inside a liquid-filled transparent capsule
- * 2-phase delivery system

Industry-leading two-piece liquid-filled Capliques™, featuring:

- * Band sealing
- * Tamper evident
- * Odor mitigation
- * Product branding

Bottling and cartoning

- * Pressure sensitive labels
- * Full body sleeves

Formulation

- * Formulation and manufacturing experts on hand to help formulate custom products
- * Expert advice on absorption, bioavailability, content uniformity, regulatory concerns, and dosage requirements

Minimum orders

Clear capsule with clear band

- * 300,000 capsules

Clear capsule with colored band

- * 300,000 capsules

Custom colored capsule

- * 1,000,000

Printed capsule

- * 1,000,000

Production lead time

Approximately 8 weeks

CAPACITY & CAPABILITIES

QUEBEC CITY



Industry-leading expertise in liquid manufacturing and complex formulation for over 15 years with international registration and product exports.

Location: Quebec City, Canada

State-of-the-art pharmaceutical-grade facility, featuring:

- * 26,000 sq. ft.
- * Four manufacturing rooms
- * Three bottling lines
- * Differential air pressure - H/T controlled

Features

- * Grinding and water-based extraction
- * Industrial centrifuges
- * Ultra filtration (membrane and ceramic)
- * Micro filtration
- * Large press filter capacity
- * USP-grade Purified Water System
- * Production area protected by HEPA filters
- * Clean In Place systems-Sterilization capacity
- * Hot and cold process glycol system

Certifications and accreditations

- * Strict compliance with FDA and NHPD Good Manufacturing Practices (NHPD site license #300098)
- * Full compliance with the Public Health Security and Bioterrorism Preparedness and Response Act (C-TPAT)
- * Written Standard Operating Procedures (SOP) to comply with current Good Manufacturing Practices (cGMP) to ensure consistent quality
- * Finished Products are tested in accordance with USP/AOAC Methods where applicable
- * Organic certification by CARTV/Ecocert Canada and NOP
- * SQP (Supplier Qualification Program) ensuring supplier compliance
- * Certificate of Analysis available

Capacity

- * 22,000,000 bottles (60 ml) annually
- * Bottling rate of 5,000 bottles per hour
- * Mixing - 100,000 kgs per month
- * Multi-level batch size capabilities (from 50L to 5,000L)
- * Multi-level conditioning capabilities (from 5 mL to totes)
- * Micro filtration
- * Oil filling capacity (nitrogen flushed, proprietary antioxidant blend)

CAPACITY & CAPABILITIES

QUEBEC CITY

Galenic (dosage and delivery) forms

- * Liquids
- * Emulsions
- * Oil phase
- * Suspension
- * Plant extracts
- * Frozen products

Product details

- * Energy shots and drinks
- * Specialty formulas
- * Vitamin concentrates
- * Frozen cartilage and protein extracts
- * Peptides and growth factors extracts
- * Active ingredients and chemical specialties

Special innovations

Unique herbal cold extraction process

Packaging solutions:

- * Glass and plastic bottles
- * Dropper, sprays, shots
- * Full body sleeve
- * Pressure sensitive labels
- * Tamper-proof induction shrink sealing
- * Packs

Formulation

- * Formulation and manufacturing experts on hand to help formulate custom liquid products
- * Flavor system development
- * Expert advice on absorption, bioavailability, content uniformity, regulatory concerns, and dosage requirements

Minimum orders

- * Small batch sizes – flexible manufacturing for small to large runs

Production lead time

Approximately 8 weeks