



ROOTED IN NATURE. BACKED BY SCIENCE.

Integrated Life Science & Health Product Solutions



Exosomes · Stem Cell Research · Dietary Supplements · Premium Botanical Extracts

GLOBAL OEM / ODM SOLUTIONS

gemaihealth.com

SCIENCE MADE SCALABLE.

From Research Materials to Finished Health Products

Genmai Health integrates biotechnology, formulation development, controlled manufacturing and global supply to support research institutions, health brands and distributors worldwide.



SINCE
2015

40+
TEAM MEMBERS

12,000+
m² FACILITY

50+
COUNTRIES SERVED



RESEARCH
SOLUTIONS



CONTRACT
MANUFACTURING



PREMIUM
INGREDIENTS



GLOBAL
SUPPLY

ROOTED IN NATURE. BACKED BY SCIENCE.

EXOSOMES, CHARACTERIZED.

Research-Grade Extracellular Vesicle Solutions

Characterized exosome preparations for research, regenerative science, delivery-system studies and skin-science applications.

PRODUCT HIGHLIGHTS



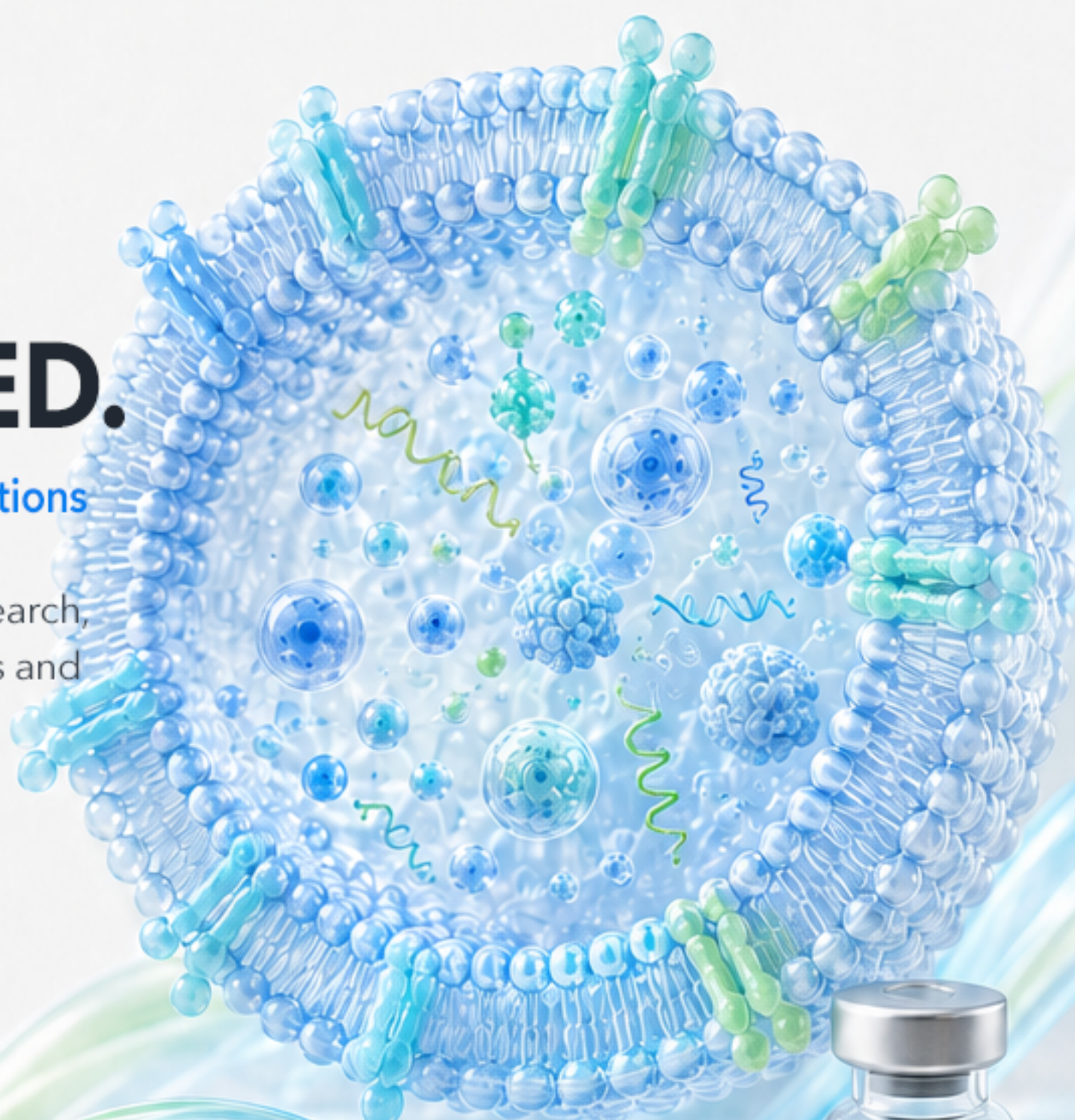
CONTROLLED CELL-CULTURE SOURCE



ULTRACENTRIFUGATION + SEC



LYOPHILIZED FOR STABLE HANDLING



30-150 nm

PARTICLE SIZE

**$10^{10} - 10^{12}$
particles/mL**

CONCENTRATION

CD9 · CD63 · CD81

SURFACE MARKERS

-80°C

STORAGE

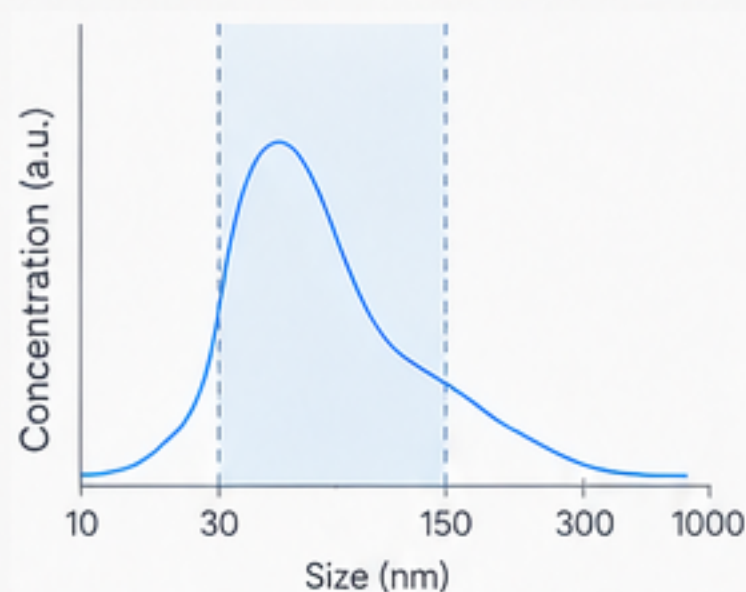
FULL CoA

DOCUMENTATION

REPRESENTATIVE CHARACTERIZATION DATA

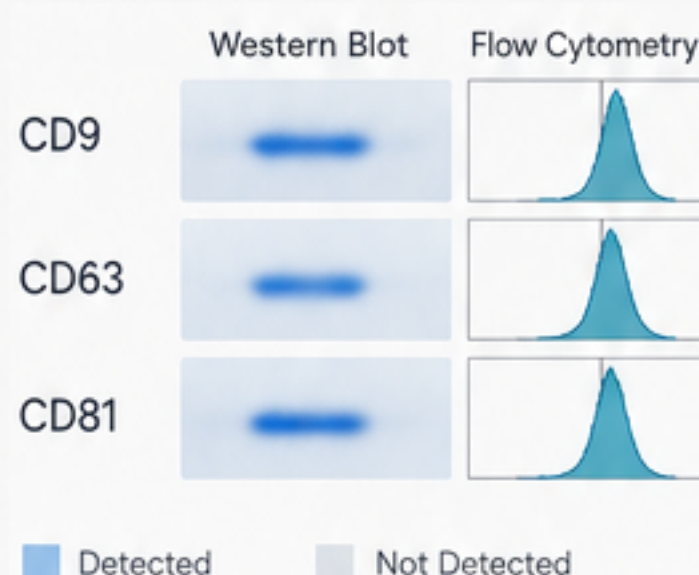
NTA SIZE DISTRIBUTION

Population concentrated within the 30-150 nm range.



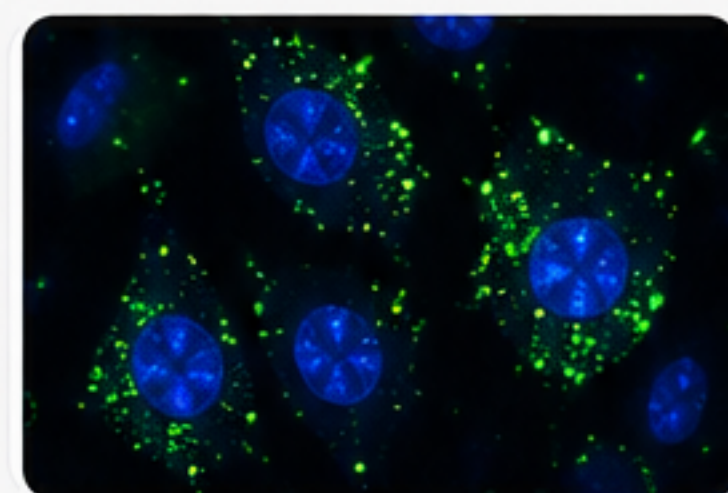
MARKER VERIFICATION

CD9, CD63 and CD81 detected by Western blot and flow cytometry.



CELLULAR UPTAKE

Fluorescence imaging demonstrates uptake by recipient cells.



Representative Image



RESEARCH-GRADE
EXOSOMES



CUSTOM ISOLATION



BULK SUPPLY

Representative summary. Batch-specific characterization is supplied with the CoA.

FOR RESEARCH AND LABORATORY USE ONLY.

ROOTED IN NATURE. BACKED BY SCIENCE.

CELLULAR SCIENCE, SUPPORTED.

Stem Cell Research Solutions

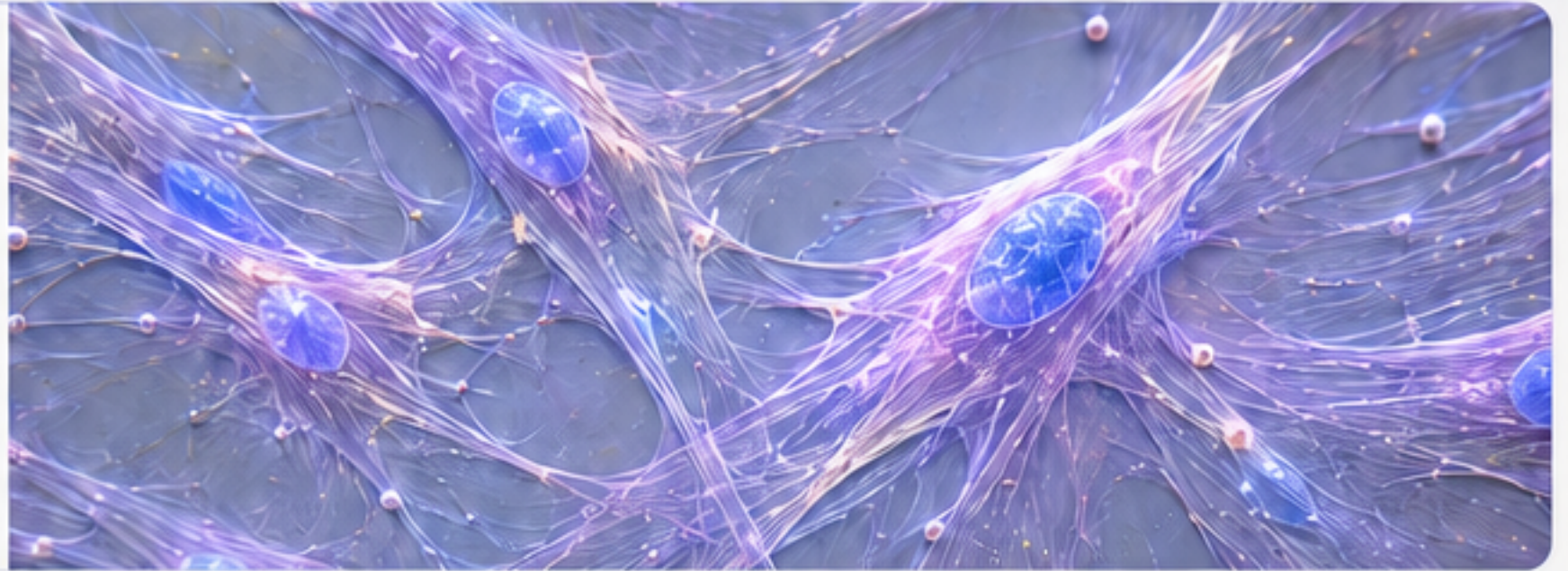
Research-focused materials and technical support for controlled cell culture, characterization and extracellular-vesicle studies.

MSC IDENTIFICATION FRAMEWORK

ISCT reference criteria shown below are scientific standards, not batch-specific product results.

A PLASTIC ADHERENCE & MORPHOLOGY

MSCs adhere to standard tissue-culture plastic and typically display spindle-shaped, fibroblast-like morphology under expansion conditions.



B REFERENCE IMMUNOPHENOTYPE

POSITIVE MARKERS $\geq 95\%$

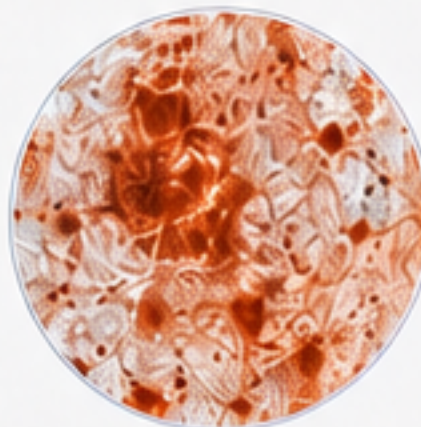
CD73 · CD90 · CD105

NEGATIVE LINEAGE MARKERS $\leq 2\%$

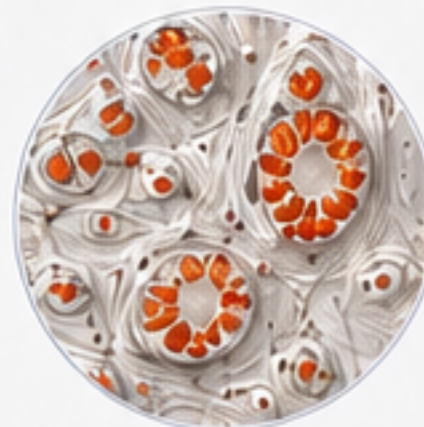
CD45 · CD34 · CD14/CD11b · CD79 α /CD19 · HLA-DR

C TRILINEAGE DIFFERENTIATION

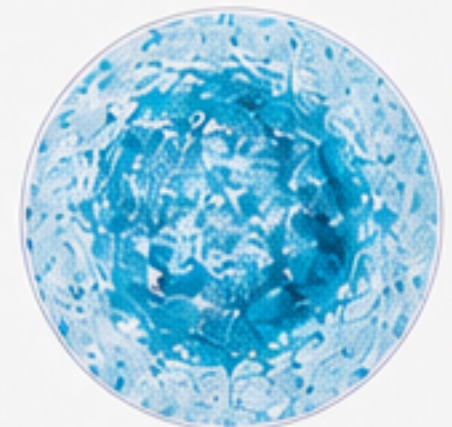
In vitro differentiation into bone-, fat- and cartilage-forming lineages is part of the minimal MSC definition.



OSTEOGENIC



ADIPOGENIC



CHONDROGENIC

**MSC RESEARCH
MATERIALS**

**CULTURE MEDIA &
CRYOPRESERVATION**

**CONDITIONED MEDIA &
CELL-DERIVED VESICLES**

**CUSTOM
CHARACTERIZATION**

Reference: Dominici et al., Cytotherapy 2006; 8:315-317. Batch-specific specifications and testing scope are confirmed before each project.

**FOR RESEARCH AND LABORATORY USE ONLY.
NOT INTENDED FOR HUMAN OR VETERINARY DIAGNOSIS OR TREATMENT.**

ROOTED IN NATURE. BACKED BY SCIENCE.

FORMULATED FOR YOUR BRAND.

Capsules & Gummies **OEM / ODM**  **Familiicare**

Flexible private-label manufacturing from formulation and sampling to packaging, quality release and global delivery.



A CAPSULES

Hard Capsules · Vegetarian Capsules · Softgels



B GUMMIES

Pectin Gummies · Gelatin Gummies · Sugar-Free Options



500 BOTTLES

CAPSULE MOQ

1,000 BAGS

STANDARD GUMMY MOQ

18-24 MONTHS

TYPICAL SHELF LIFE

BATCH DOCUMENTATION

AVAILABLE

REPRESENTATIVE FORMULATION DIRECTIONS

OREGANO OIL

BLACK SEED OIL

SEA MOSS

CREATINE

PROBIOTICS

ELDERBERRY

OEM / ODM CAPABILITIES

- 01 CUSTOM FORMULATION
- 02 FLAVOR & COLOR DEVELOPMENT
- 03 PRIVATE LABEL PACKAGING
- 04 TESTING & BATCH RELEASE

FROM BRIEF TO DELIVERY

01 BRIEF • 02 FORMULA • 03 SAMPLE • 04 PACKAGING • 05 PRODUCTION • 06 DELIVERY

Selected gummy projects may start from 500 bags. Final specifications are confirmed before production.

ROOTED IN NATURE. BACKED BY SCIENCE.

BOTANICALS, REFINED.

Premium Botanical Extracts & Functional Powders

Standardized botanical extracts and functional powders developed for dietary supplements, wellness products and customized formulations, with specification and batch documentation support.



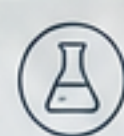
**BOTANICAL
SOURCE**



EXTRACTION



STANDARDIZATION



TESTING

INGREDIENT PORTFOLIO

MILK THISTLE – Silymarin

TURMERIC – Curcuminoids

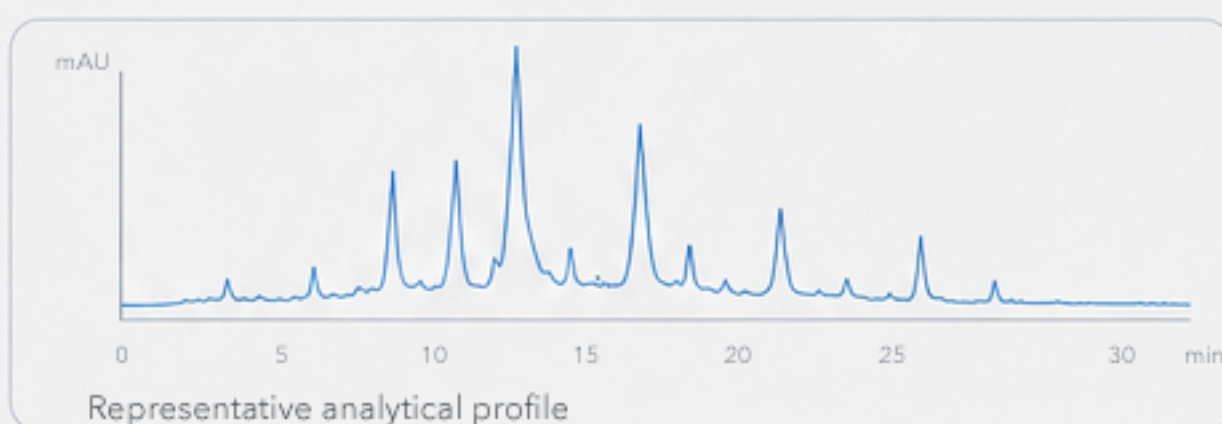
ASHWAGANDHA – Withanolides

ELDERBERRY – Anthocyanins

GREEN TEA – Polyphenols / EGCG

LION'S MANE – Polysaccharides

ANALYTICAL CONTROL



IDENTITY	HPLC / HPLC fingerprint
ACTIVE CONTENT	HPLC / UV analysis
HEAVY METALS	Pb · As · Cd · Hg
MICROBIOLOGY	TAMC · TYMC · Pathogens
PESTICIDES	Multi-residue screening
RESIDUAL SOLVENTS	Specification control



Standardized Extracts



High-Purity Actives



Water-Soluble Extracts



Functional Powders



Custom Blends



Bulk Supply



Custom Specifications



Custom Blends



Documentation Support

ROOTED IN NATURE. BACKED BY SCIENCE.

QUALITY, MADE VISIBLE.

Controlled from Source to Delivery

Our quality framework connects qualified materials, controlled manufacturing, analytical testing, documented batch release and full product traceability.



BATCH RELEASE

Specification Review	✓
Analytical Results	✓
Documentation	✓
Approval	✓
Status: Approved	

01

MATERIAL QUALIFICATION

Identity, specifications and supplier documentation

02

FORMULATION & R&D

Formula review, compatibility and pilot sampling

03

CONTROLLED PRODUCTION

Defined procedures and production parameters

04

IN-PROCESS CONTROL

Weight, appearance and process monitoring

05

FINISHED PRODUCT TESTING

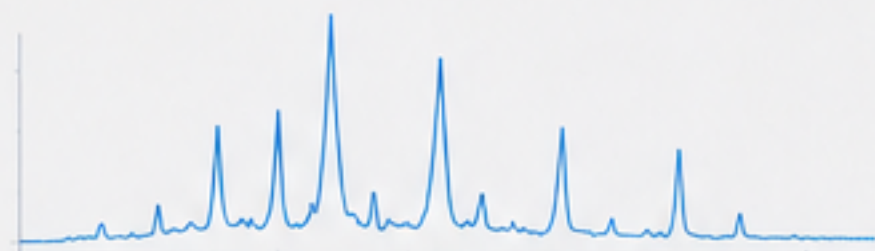
Chemical, physical and microbiological analysis

06

BATCH RELEASE

Document review and release authorization

ANALYTICAL CAPABILITIES



HPLC – Active-content analysis

LC-MS/MS – Compound identification

ICP-MS – Heavy-metal screening

MICROBIOLOGY – Microbial limits and pathogens

STABILITY SUPPORT – Shelf-life evaluation

In-house and qualified third-party testing support, according to project requirements.

DOCUMENTED & TRACEABLE

Certificate of Analysis

Product Specification Sheet

Batch Manufacturing Record

Raw Material Traceability

Finished Product Release

RAW MATERIAL LOT → PRODUCTION BATCH → TEST REPORT → RELEASE RECORD

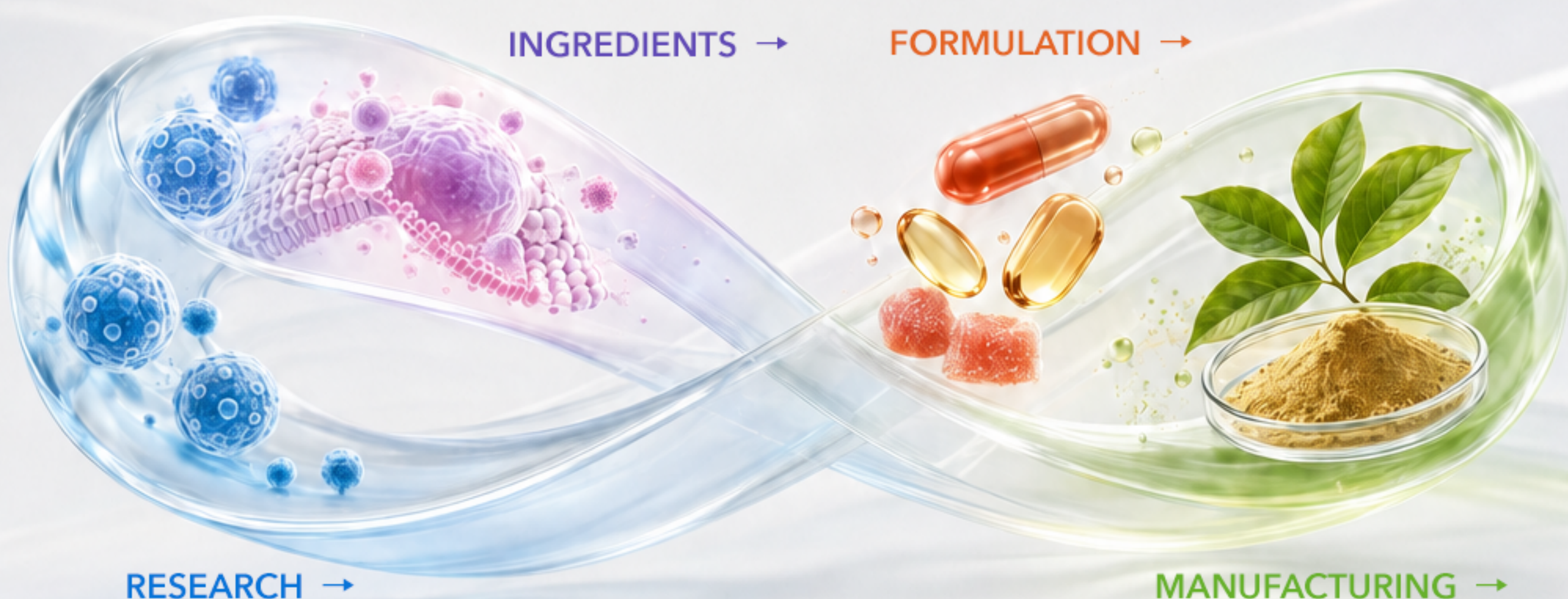
Qualified Materials • Controlled Processes • Verified Results • Documented Release

ROOTED IN NATURE. BACKED BY SCIENCE.

LET'S BUILD WHAT'S NEXT.

Partner with Familiicare

Whether you need research materials, custom formulations, private-label products or premium botanical ingredients, our team is ready to support your next project.



INTEGRATED SOLUTIONS

EXOSOME SOLUTIONS

Research-grade extracellular vesicle materials

STEM CELL RESEARCH

Research materials and technical support

SUPPLEMENT OEM / ODM

Capsules, softgels and gummies

BOTANICAL INGREDIENTS

Standardized extracts and functional powders

Research and laboratory use only.

HOW WE CAN WORK TOGETHER

Sample Requests • Custom Formulation • OEM / ODM Manufacturing • Bulk Ingredient Supply • Long-Term Distribution

YOUR IDEA → TECHNICAL REVIEW → SAMPLE → PRODUCTION → DELIVERY

**TELL US WHAT YOU NEED.
WE'LL HELP YOU BUILD IT.**

START YOUR PROJECT →

CONTACT OUR TEAM

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WhatsApp +86 180 9215 0058

Location Xi'an, China

VISIT OUR
WEBSITE

CHAT ON
WHATSAPP

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