

Life Elements

Food & Pharma

Together with you, we strive to meet
the needs of tomorrow's consumer — today.

We are Imerys.

Imerys, the world leader in mineral-based solutions for everyday life, operates in 50 countries with 230 industrial sites across the world. We transform minerals into products essential to everyday well-being.

We understand food & pharmaceuticals.

Imerys takes this to heart, bringing our expertise and passion to the food and pharmaceutical industry, assisting you and your customers in pursuit of happier, healthier lives. Life Elements by Imerys Carbonates provides mineral-based solutions that help fortify, brighten, and enhance the quality of the products we all need to thrive.

With a focus on food and pharmaceutical applications, we are committed to delivering custom solutions specially designed to positively impact the effectiveness and longevity of your products, as well as the health and happiness of the people who trust them.

Calcius™
CalciumCarbonate

Specifically manufactured for your
pharmaceutical formulations.

FDA Registered | cGMP | HACCP
ISO 9001:2008 | Kosher | Halal

I-Blūm™
CalciumCarbonate&Citrate

Specifically designed to enhance the
calcium content of food and beverages.

FDA Registered | cGMP | HACCP
ISO 9001:2008 | FSSC 22000
Kosher | Halal



We do things differently.

Inherently pure ingredients, directly sourced

Ownership of the mineral reserves means a level of product consistency our clients consider invaluable. It also provides an increased level of safety and traceability since we control the process from mine to customer.

Customization, down to a science

Our expert engineering team adapts the particle size, shape, and physical properties to meet the exact specifications of your processing requirements. With over 50 years in the industry, we know what it takes to customize the best product for you.

Innovation isn't a goal, it's a requirement

We are scientists, driven not just by continuous research and development, but also by the intrinsic value of our mineral-based health ingredients and the way they promote vitality within your products.





To learn more about Life Elements by Imerys Carbonates and to place your order, contact:

Imerys USA

Tel: +1 888 277 9636

Fax: +1 770 645 3631

Imerys Mexico

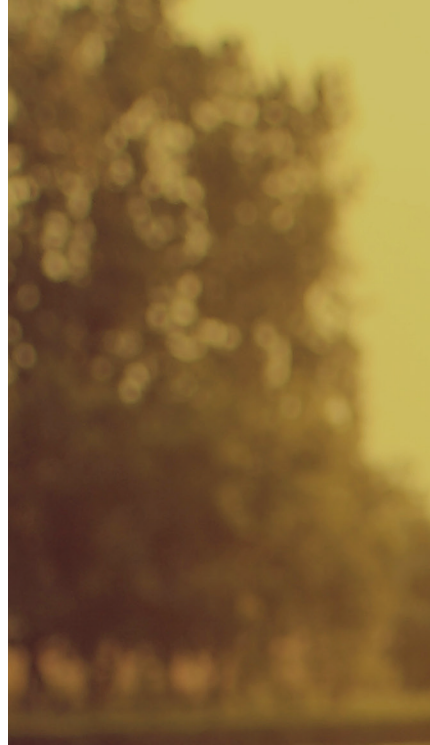
Tel: +52 55 5872 0206

Fax: +52 55 5872 2639

Life-Elements@imerys.com

www.imerys-carbonates.com

Imerys Carbonates and the Life Elements solutions operate ethically and in accordance with high manufacturing standards, ensuring your products use the absolute best ingredients every time.





Calcius™

CalciumCarbonate

Specifically manufactured for your pharmaceutical formulations.

Personal wellness and preventative healthcare play a critical role in experiencing happier, healthier lives. Precisely engineered to fulfill specific needs within the human body, Calcius products are produced according to current Good Manufacturing Practices (cGMP). Our high purity pharmaceutical ingredients exceed industry standards, which means your products can then exceed your customers' own exacting standards.

Life Elements

Food&Pharma by Imerys Carbonates

Life Elements by Imerys Carbonates help fortify, brighten, and enhance the quality of the products we all need to thrive.

Calcius calcium carbonate is used as an active ingredient in antacids, multi-vitamins, mineral supplement tablets, chewables, and gummies.

When choosing a calcium ingredient, Imerys Carbonates offers a variety of options that provide the flexibility to meet your specific processing conditions and formulation needs.

Meets and exceeds the exacting U.S. Pharmacopeia standards and the requirements for California Proposition 65 regarding trace lead levels.

Our Calcius products are available in a range of particle sizes to meet your formulation and processing requirements.

| | CALCIUM CARBONATE |
|--------------------------------|--------------------------|
| Assay (%) | 99 |
| Elemental calcium (%) | 40 |
| Loss on drying (%) | < 0.2 |
| Lead (ppm) | < 0.3 |
| Fluoride (%) | < 0.005 |
| Arsenic (ppm) | < 1 |
| Mercury (ppm) | < 0.5 |
| Iron (%) | < 0.02 |
| Heavy metals (ppm) | < 20 |
| Acid-insoluble substances (%) | < 0.1 |
| Magnesium and alkali salts (%) | < 1 |

| CALCIUM CARBONATE | PARTICLE SIZE (MEDIAN) |
|--------------------------|-------------------------------|
| P18 | 1.8 |
| P23 | 2.3 |
| P50 | 5.0 |
| P70 | 7.0 |

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cGMP | HACCP
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I-Blūm™

CalciumCarbonate&Citrates

Specifically designed to enhance the calcium content of food and beverages.

Your food products require the finest ingredients to fulfill the promise you make to your customers. The goals we share are simple: provide the best nutrition possible with uncompromising quality standards. I-Blūm food products are meticulously engineered to fulfill specific needs within the human body.

Life Elements

Food&Pharma by Imerys Carbonates

Life Elements by Imerys Carbonates help fortify, brighten, and enhance the quality of the products we all need to thrive.

I-Blūm calcium carbonate and calcium citrate are value-added ingredients for functional foods and beverages such as yogurt, meal replacement bars and drinks, bakery snacks, dairy-based and plant-based beverages, and powdered beverage mixes.

When choosing a calcium ingredient, Imerys Carbonates offers a variety of options that provide the flexibility to meet your specific processing conditions and formulation needs.

Meets and exceeds the exacting Food Chemicals Codex Standards.

Our I-Blüm products are available in a range of particle sizes to meet your formulation and processing requirements.

| | CALCIUM CARBONATE | CALCIUM CITRATE |
|--------------------------------|--------------------------|------------------------|
| Assay (%) | 99 | 98 |
| Elemental calcium (%) | 40 | 21 |
| Loss on drying (%) | < 0.2 | 12.5 |
| Lead (ppm) | < 0.5 | < 0.5 |
| Fluoride (%) | < 0.005 | < 0.003 |
| Arsenic (ppm) | < 3 | - |
| Acid-insoluble substances (%) | < 0.2 | - |
| Magnesium and alkali salts (%) | < 1 | - |

| CALCIUM CARBONATE | PARTICLE SIZE (MEDIAN) |
|--------------------------|-------------------------------|
| F18 | 1.8 |
| F23 | 2.3 |
| F50 | 5.0 |
| F70 | 7.0 |
| CALCIUM CITRATE | PARTICLE SIZE (MEDIAN) |
| F05 | < 5 |
| F10 | < 10 |
| F20 | < 20 |

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ISO 9001:2008 | FSSC 22000
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