

European Manufacturer of
High-Purity Mineral Salts



WHERE PURITY MAKES THE DIFFERENCE

High-Purity Mineral Solutions for Advanced Nutrition



Your Trusted Partner in Nutrition

High-Quality Mineral Ingredients for Nutraceutical Applications

Quality Chemicals is a European manufacturer of high-purity mineral salts used across nutraceutical, food supplement, and functional nutrition industries. With more than 30 years of experience and GMP manufacturing capabilities, we supply mineral ingredients designed to meet the highest standards of purity, safety, and regulatory compliance.

Our portfolio includes a wide range of mineral salts and trace elements used in dietary supplements, functional foods, and infant nutrition. With two production facilities and in-house laboratories in Europe, we combine technical expertise, strict quality control, and flexible manufacturing to support our customers' formulations worldwide.

- **Controlled impurity levels**
Designed for nutraceutical applications with very low heavy metal content and controlled low aluminium levels.
- **Particle Size Reduction (PSR)**
Micronization capabilities to control particle size, improving dissolution in beverages and homogeneous blending in powder supplements.
- **Free-Flowing Mineral Salts**
Optimized mineral forms designed to improve processing efficiency and ensure smooth production without additional additives.





Our Key Advantages

Customization	Our products are crafted to your specification.
European Manufacturing	Two production plants and in-house laboratories, including our Kilo Lab, ensure consistent quality and reliable supply.
Sustainability and Ethics	We prioritize responsible production at every stage, guided by strong ethical principles and sustainable practices such as decarbonization and solar energy.
Quality Systems	Our commitment to excellence is backed by our EU-GMP as well as ISO 9001 & 14001 & 45001 and FSSC 22000 certifications, reflecting our dedication to quality and safety.
Open to Audits	We welcome on-site audits and provide detailed Audit reports, demonstrating our commitment to transparency and accountability.
Stability	Our products undergo rigorous ICH Q1 guideline-compliant stability studies, guaranteeing consistency and reliability
Regulatory Support	Navigating regulatory matters can be complex. Our experts are here to guide you through the regulatory landscape, making the process smoother for you.



“ Precision and reliability are
at the core of every process”



Where Our Products Perform

Specialized Health and Nutrition Applications



Oral Health

Our mineral salts are used in dentifrice and oral care formulations such as:

- **Sodium Fluoride** (GMP) for **enamel remineralization** and effective cavity prevention.
- **Potassium Nitrate** specifically for the targeted treatment of **acute dental sensitivity**
- **Zinc** salts for **antibacterial activity** and comprehensive oral hygiene support

These ingredients are widely used in **toothpaste, mouthwash, and oral care supplements.**



Infant Nutrition & Baby Food

Quality Chemicals supplies **mineral salts** manufactured under strict quality control suitable for **Infant formulas, Pediatric nutrition products,** Baby food fortification or Follow-on formulas.

Our ingredients are designed to meet the **most demanding regulatory standards.**

**VERY
LOW**

Heavy Metals
Fosetyl Residues
Aluminium Levels
Chlorates and Perchlorates

These specifications ensure safe and reliable mineral sources for sensitive nutritional applications.



Multivitamin & Wellness

Essential **mineral salts** for multivitamin tablets, capsules, powders, effervescent formulas, and gummies. Iron, Zinc, Copper, and Manganese support **metabolic balance, energy production,** and overall health.



Bone & Muscle Health

Calcium and Magnesium for bone density and muscle function in **supplements and functional drinks.** Balanced Calcium and Magnesium formulas for **bone strength and muscular performance.**



Immune Support

Zinc and Selenium for **immune health.** Ideal for **boosting supplements, multivitamins,** and functional beverages. Our is especially valued in dietary supplement formulations.



Sports Nutrition & Electrolytes

Potassium, Sodium, and Magnesium for hydration, recovery, electrolyte balance, and physical performance. Ideal for **sports powders, hydration tablets, electrolyte capsules,** and recovery supplements.

Supporting Nutrition

Our portfolio includes a wide range of high-purity mineral salts used in dietary supplements, functional foods, infant nutrition and food processing applications. These ingredients contribute to nutritional balance, product stability and optimized formulation performance.

Functional Application	Ca	Mg	K	Na
Bone mineralization	✓	✓		
Teeth development	✓			
Muscle function	✓	✓	✓	
Electrolyte balance		✓	✓	✓
Hydration support		✓	✓	✓
Energy metabolism		✓		
Oxygen transport				
Immune system support				
Antioxidant activity				
Enzymatic activity		✓		
Cognitive development				
Growth & Development	✓	✓		
Teeth remineralization	✓			
Cavity Prevention				
Dental sensitivity relief			✓	
Acidity regulation				✓
Processing aid				

Regulatory Compliance

Our mineral salts comply with the strictest **international pharmacopoeias** (USP, Ph. Eur., BP, JP) and are manufactured under **ISO 9001** and **FSSC 22000** certifications. We ensure high-purity ingredients with ultra-low impurity levels, specifically designed for sensitive applications like infant nutrition and pharma.

Through Science

From macrominerals to trace elements, our solutions are developed to meet the highest quality standards, ensuring consistency, safety, and full regulatory compliance across all applications.

Zn	Fe	Mn	Cu	NH ₄
		✓		
	✓	✓	✓	
	✓			
✓	✓		✓	
		✓	✓	
✓		✓	✓	
	✓		✓	
✓	✓	✓	✓	
✓				
✓				
				✓
				✓

We operate under strict **GMP (ICH Q7)** guidelines, ensuring full **batch traceability** and **consistent quality** across our entire portfolio. Our regulatory team provides comprehensive support, including **ASMF and CEP dossiers**, to streamline your registration processes. With over 30 successful audits per year from global health authorities, **we guarantee a secure and transparent supply chain for your most demanding projects.**



Barcelona

Fornal 35, Pol.Ind.Can Comellas Sud
08292 Esparreguera, Spain
+34 93 770 97 30

Palencia

Av. Tren Expreso
34200 Venta de Baños, Spain
+34 97 976 10 97

customer-service@qualitychemicals.com
www.qualitychemicals.com