

Discover the Science  
behind Health



## Your Trusted Partner in Nutrition

At Quality Chemicals, we simplify the business for nutrition. With over 90 years of experience, we're European leaders in manufacturing high-purity mineral salts, (bulk and trace elements) ensuring top quality and compliance, for nutritional supplements, for infant food, for beverage, for milk and dairy products, for medical nutrition, for general food, for woman's health.

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### *Mastering Industry Excellence*

We bring deep knowledge and tailored solutions to each sector we serve, leveraging our track record of success.

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### *Our Evolution and Expansion*

Our state-of-the-art facilities and flexible manufacturing capabilities allow us to customize products to meet specifications, aligned with regulatory requirements.

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### *Unyielding Quality Unit*

Quality is the bedrock of our commitment at Quality Chemicals; we are not just the stewards of quality but also the architects of trust.

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### *End-to-End Comprehensive Services*

Our aim revolves around simplifying raw material purchasing from initial development to final delivery.

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### *Global Reach and Seamless Distribution*

We take immense pride in our extensive global reach, rooted in a network of approvals, registrations, and strategically located facilities that contribute to ease distribution and delivery to clients worldwide.

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### *Building Lasting Partnerships*

Our focus extends far beyond delivering products; it centers on nurturing enduring partnerships.

While our expertise spans various industries, our true passion lies in pharmaceuticals and biopharma. Thanks to our 2 state-of-the-art facilities strategically located in Europe, we have the capability to develop products tailored precisely to your specifications and quantity requirements while ensuring full compliance.

## Self-Care, Health Care



Nutraceuticals, also known as functional foods, refer to dietary supplements or food supplements containing substances derived from or integrated into foods that offer significant health benefits. These products encompass a broad spectrum of nutritional elements, including but not limited to vitamins, minerals, and other bioactive compounds.

In the realm of nutraceuticals, our focus is on providing essential nutrients critical for overall well-being, such as Magnesium, Calcium, Iron, Zinc, and trace elements like Selenium, Copper, Manganese, Chromium. These are fundamental elements required to maintain optimal health and function. However, it is important to note that the body's ability to absorb these nutrients can vary.

For instance, magnesium absorption typically ranges from 20% to 50% of the ingested amount, creating a demand for more bioavailable sources to maximize uptake. Our product, Magnesium Citrate (product code 1260), serves as a superior alternative, as it offers enhanced bioavailability compared to less costly options like oxides and carbonates.

To maintain the quality and safety of nutraceutical products, Directive (EC) No 2002/46 plays a vital role as the regulation governing food supplements. This directive sets the standards and guidelines for ensuring that these products are safe for consumption and meet necessary quality standards.

Furthermore, authorized health claims on food labels are crucial in the nutraceutical industry. These claims are granted to food supplements when scientific evidence supports their potential to reduce the risk of specific diseases. They serve as a valuable tool for consumers, offering transparency and guidance in choosing products that align with their health goals.

The European Food Safety Authority (EFSA) is responsible for evaluating such claims. Regulation (EU) No. 1924/20065 will fix the requirements for health claims in detail. Regulation (EC) No. 1881/2006 fix the maximum values for contaminants like heavy metals, like 3 mg/kg for lead, 1 mg/kg for cadmium, and 0.1 mg/kg for mercury. Our Mineral Salts for use in nutritional supplements comply with these requirements even as a raw material.

## Regulatory Approvals and Certifications

Meeting the most stringent quality and regulatory standards has earned us approvals and registrations from renowned health authorities and certification bodies.

These approvals and certifications stand as a testament to our dedication to quality, compliance, and the highest standards of product integrity. We do not merely seek to meet industry standards; we aim to exceed them.



ISO 9001



ISO 45001



FSSC2200



KOSHER



HALAL




GMP



GMP+





## Our key Advantages

<b>Private Label Excellence</b>	Operational efficiency unlocked with 70+ years of expertise. Tailored private label solutions for cost savings, strategic outsourcing, and quick time to market.
<b>Precision Particle Size Solutions</b>	Mastering particle size distribution for industries. Utilizing advanced methods for accuracy in crystal size. Customized solutions through milling or size reduction.
<b>CDMO Mastery</b>	Cutting-edge Contract Development & Manufacturing expertise. State-of-the-art facilities in Spain, offering scalability, outsourcing efficiency, and regulatory assurance.
<b>Micronisation expertise</b>	Cutting-edge micronisation for pharmaceuticals, food, cosmetics, oral care, and nutraceuticals. ISO and GMP certified, offering tailored particle size reduction and stringent quality assurance.
<b>Scalability</b>	From kilo.lab to large scale production, we have the capacity to match your demand, ensuring growth for your projects.
<b>In-House-Lab</b>	Our in-house laboratory facilities provide quick and reliable analysis, ensuring the highest quality control standards.
<b>Customization</b>	Our products are crafted to your specifications, ensuring they align perfectly with your project requirements. We excel in providing tailored solutions that precisely match your unique needs and goals.

## Quality Chemicals

### Range of elements

We offer the following elements through our salts which make the contribution to our health set out below:

CODE	Description	CAS no.	FCC	EU Food Grade	Food Additive number
<b>CALCIUM</b>					
0417	CALCIUM Carbonate	471-34-1	•	•	E-170i
0415	CALCIUM ACETATE	5743-26-0		•	E-263
0497	CALCIUM CHLORIDE	10035-04-8	•	•	E-509
0421	CALCIUM CHLORIDE 2-HYDRATE, FLAKES	10035-04-8	•	•	E-509
0498	CALCIUM CHLORIDE ANHYDROUS FLAKES	10043-52-4	•	•	E-509
2892	CALCIUM CHLORIDE ANHYDROUS, POWDER	10043-52-4	•	•	E-509
0418	CALCIUM CITRATE TRIBASIC	5785-44-4	•	•	E333iii
0425	CALCIUM DIHYDROGEN PHOSPHATE 1-HYDRATE	10031-30-8	•	•	E-341i
0085	CALCIUM HYDROGEN PHOSPHATE 2-HYDRATE	7789-77-7	•	•	E-341ii
0426	CALCIUM HYDROGEN PHOSPHATE ANHYDROUS	7757-93-9	•	•	E-341ii
0428	CALCIUM HYDROXIDE	1305-62-0	•	•	E-526
0431	CALCIUM OXIDE	1305-78-8	•	•	E-529
0432	CALCIUM SULPHATE 2-HYDRATE	10101-41-4	•	•	E-516
0427	tri-CALCIUM PHOSPHATE	12167-74-7	•	•	E341iii
0062	CALCIUM CHLORIDE DISSOLUTION 36/40% w/w	10043-52-4	•	•	E-509
0425	CALCIUM DIHYDROGENOPHOSPATE 1-HYDRATE	10031-30-8	•	•	E-341i
<b>AMMONIUM</b>					
0202	AMMONIUM CHLORIDE	12125-02-9	•		E-510
0193	AMMONIUM HYDROGEN CARBONATE	1066-33-7	•	•	E-503ii
0201	di-AMMONIUM HYDROGEN CITRATE	3012-65-5	•		
0208	di-AMMONIUM HYDROGEN PHOSPHATE	7783-28-0	•		E-342ii
0217	AMMONIUM SULFATE	7783-20-2	•	•	E-517
0200	AMMONIUM CARBONATE	10361-29-2	•	•	E-503i
<b>COPPER</b>					
0484	COPPER (II) OXIDE	1317-38-0			
0487	COPPER (II) SULPHATE 5-HYDRATE	7758-99-8	•		
0486	COPPER (II) SULPHATE ANHYDROUS	7758-98-7	•		E-519
<b>POTASSIUM</b>					
1431	POTASSIUM ACETATE	127-08-2		•	E-261i
1443	POTASSIUM CHLORIDE	7447-40-7	•	•	E-508
1457	POTASSIUM METABISULPHITE	16731-55-8	•	•	E-224
1458	POTASSIUM NITRATE	7757-79-1	•	•	E-252
2214	POTASSIUM SORBATE	24634-61-5	•	•	E-202
1463	POTASSIUM SULPHATE	7778-80-5	•	•	E-515
1456	POTASSIUM IODIDE	7681-11-0	•		
0832	POTASSIUM CHLORIDE, Free-flowing	7447-40-7	•	•	E508
1450	POTASSIUM DIHYDROGEN	7778-77-0	•		E-340i
1432	POTASSIUM HYDROGEN CARBONATE	298-14-6	•	•	E-501ii
1436	POTASSIUM HYDROGEN TARTRATE	868-14-4		•	E336i
0749	POTASSIUM HYDROXIDE 25% w/w	1310-58-3	•	•	E-525
1453	POTASSIUM HYDROXIDE, FLAKES	1310-58-3	•	•	E-525
1455	POTASSIUM IODATE	7758-05-06	•		E-917
1062	POTASSIUM NITRATE free-flowing	7757-79-1	•	•	E-252
1467	POTASSIUM SODIUM TARTRATE	6381-59-5	•	•	E-337
1451	di-POTASSIUM HYDROGEN PHOSPHATE	7758-11-4	•	•	E-340ii
0661	ALUMINIUM POTASSIUM SULPHATE ANHYDROUS	10043-67-1	•		E-522

CODE	Description	CAS no.	FCC	EU Food Grade	Food Additive number
1452	tri-POTASSIUM PHOSPHATE	22763-03-7	•	•	E340iii
1441	tri-POTASSIUM CITRATE	6100-05-6	•	•	E-332ii
3868	POTASSIUM IODATE	7758-05-6	•		E-917
1456	POTASSIUM IODIDE	7681-11-0	•		
1432	POTASSIUM HYDROGEN	298-14-6	•	•	E-501ii
1463	POTASSIUM SULFATE	7778-80-5	•		E-515

#### SODIUM

1707	SODIUM BENZOATE	532-32-1		•	E-211
1722	SODIUM CHLORIDE	7647-14-5	•	•	
1712	SODIUM DISULPHITE	7681-57-4	•	•	E-223
1741	SODIUM NITRATE	7631-99-4	•		E-251
1749	SODIUM SELENITE	10102-18-8		•	
1703	SODIUM ACETATE 3-HYDRATE	6131-90-4	•	•	E-262i
1704	SODIUM ACETATE ANHYDROUS	127-09-3	•	•	E-262i
1719	SODIUM CARBONATE 10-HYDRATE	6132-02-1	•	•	E-500i
1717	SODIUM CARBONATE ANHYDROUS	497-19-8	•	•	E-500i
2716	SODIUM CHLORIDE	7647-14-5	•		
1730	SODIUM DIHYDROGEN PHOSPHATE 2-HYDRATE	13472-35-0	•	•	E-339i
2603	SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS	7558-80-7	•	•	E-339i
1728	SODIUM FLUORIDE	7681-49-4		•	E-500ii
1708	SODIUM HYDROGEN	144-55-8	•	•	E-500ii
2346	SODIUM HYDROXIDE SOL.20% w/w	1310-73-2	•		E-524
1767	SODIUM HYDROXIDE SOL.50% w/w	1310-73-2	•		E-524
1036	SODIUM L(+)-ASCORBATE	134-03-2	•		E-301
1814	SODIUM MOLYBDATE 2-HYDRATE	10102-40-6	•		
2649	SODIUM PROPIONATE	137-40-6	•	•	E-281
1035	SODIUM PYROPHOSPHATE	7758-16-9		•	E-450i
1088	SODIUM SELENATE	13410-01-0	•	•	
1752	SODIUM SULPHATE 10-HYDRATE	7727-73-3	•	•	E-514i
1751	SODIUM SULPHATE ANHYDROUS	7757-82-6	•	•	E-514
1753	SODIUM SULPHITE ANHYDROUS	7757-83-7	•	•	E-221
1760	SODIUM THIOSULPHATE 5-HYDRATE	10102-17-7	•	•	E-539
1732	di-SODIUM HYDROGEN PHOSPHATE 12-HYDRATE	10039-32-4		•	E-339ii
2866	di-SODIUM HYDROGEN PHOSPHATE 2-HYDRATE	10028-24-7		•	E-339ii
1034	di-SODIUM HYDROGEN PHOSPHATE 7-HYDRATE	7782-85-6	•	•	E-339ii
1731	di-SODIUM HYDROGEN PHOSPHATE ANHYDROUS	7558-79-4	•	•	E-339ii
1759	di-SODIUM TETRABORATE 10-HYDRATE	1303-96-4		•	E-285
0119	EDTA, DISODIUM SALT 2-HYDRATE	6381-92-6	•		E-386
1748	tetra-SODIUM PYROPHOSPHATE 10-HYDRATE	13472-36-1	•	•	E-450ii
2770	tetra-SODIUM PYROPHOSPHATE ANHIDRO	7722-88-5	•	•	E-450iii
1720	tri-SODIUM CITRATE	6132-04-3	•	•	E331iii
1734	tri-SODIUM PHOSPHATE 12-HYDRATE	10101-89-0	•	•	E339iii
1733	tri-SODIUM PHOSPHATE ANHYDROUS	7601-54-9	•	•	E339iii

#### MAGNESIUM

1201	MAGNESIUM ACETATE 4-HYDRATE	16674-78-5		•	
1204	MAGNESIUM CHLORIDE	7791-18-6		•	E-511
1260	MAGNESIUM CITRATE, TRIBASIC	3344-18-1			E-345
2873	MAGNESIUM HYDROGEN CITRATE	144-23-0		•	
1209	MAGNESIUM HYDROXIDE	1309-42-8		•	E-528

CODE	Description	CAS no.	FCC	EU Food Grade	Food Additive number
1273	MAGNESIUM HYDROXIDE CARBONATE	39409-82-0		•	E504i
0986	MAGNESIUM L-LACTATE 2-HYDRATE	18917-93-6	•		E-329
1213	MAGNESIUM SULPHATE	10034-99-8	•		E-518
2884	MAGNESIUM SULPHATE DRIED	7487-88-9	•		E-518
2618	MAGNESIUM CHLORIDE 6-HYDRATE (SPECIAL DRYING)	7791-18-6		•	E-511
1209	MAGNESIUM HYDROXIDE	1309-42-8		•	E-528

#### MANGANESE

1219	MANGANESE (II) CHLORIDE 4-HYDRATE	13446-34-9	•		
1224	MANGANESE (II) SULPHATE 1-HYDRATE	10034-96-5	•		

#### IRON

0921	IRON (II) SULPHATE 7-HYDRATE	7782-63-0	•		
0914	IRON (III) CHLORIDE	10025-77-1			
2308	IRON, REDUCED	7439-89-6	•		
0662	IRON (II) SULFATE HYDRATE	13463-43-9	•		

#### ZINC

0446	ZINC ACETATE 2-HYDRATE	5970-45-6		•	E-650
1069	ZINC CITRATE 2-HYDRATE	546-46-3			
0456	ZINC OXIDE	1314-13-2	•	•	
0459	ZINC SULPHATE 1-HYDRATE	7446-19-7	•		
0458	ZINC SULPHATE 7-HYDRATE	7446-20-0	•		

#### ACIDS

0108	ADIPIC ACID	124-04-9	•		E-355
0128	FUMARIC ACID	110-17-8	•	•	E-297
0111	L(+)-ASCORBIC ACID	50-81-7	•	•	E-300
1039	L(+)-LACTIC 80% ACID	79-33-4	•		E-270
0278	L-GLUTAMIC ACID	56-86-0	•		E-620
0147	SUCCINIC ACID	110-15-6	•		E-363
0267	HYDROCHLORIC ACID 37% w/w	7647-01-0		•	E-507
0266	ANHYDROUS CITRIC ACID	77-92-9		•	E-330
0105	GLACIAL ACETIC ACID	64-19-7		•	E-260

#### ALCOHOLS

0159	iso-AMYL ALCOHOL	123-51-3	•		
1002	iso-BUTYL ALCOHOL	78-83-1	•		
0162	iso-PROPYL ALCOHOL	67-63-0	•		
0299	n-PROPYL ALCOHOL	71-23-8	•		

#### OTHERS

0433	ACTIVATED CARBON, DECOLORIZING	7440-44-0	•		E-153
2505	CHROMIUM (III) CHLORIDE 6-HYDRATE	10060-12-5	•	•	
1243	METHANOL	67-56-1	•		

# Reshaping Industries

Challenging  
the boundaries



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