



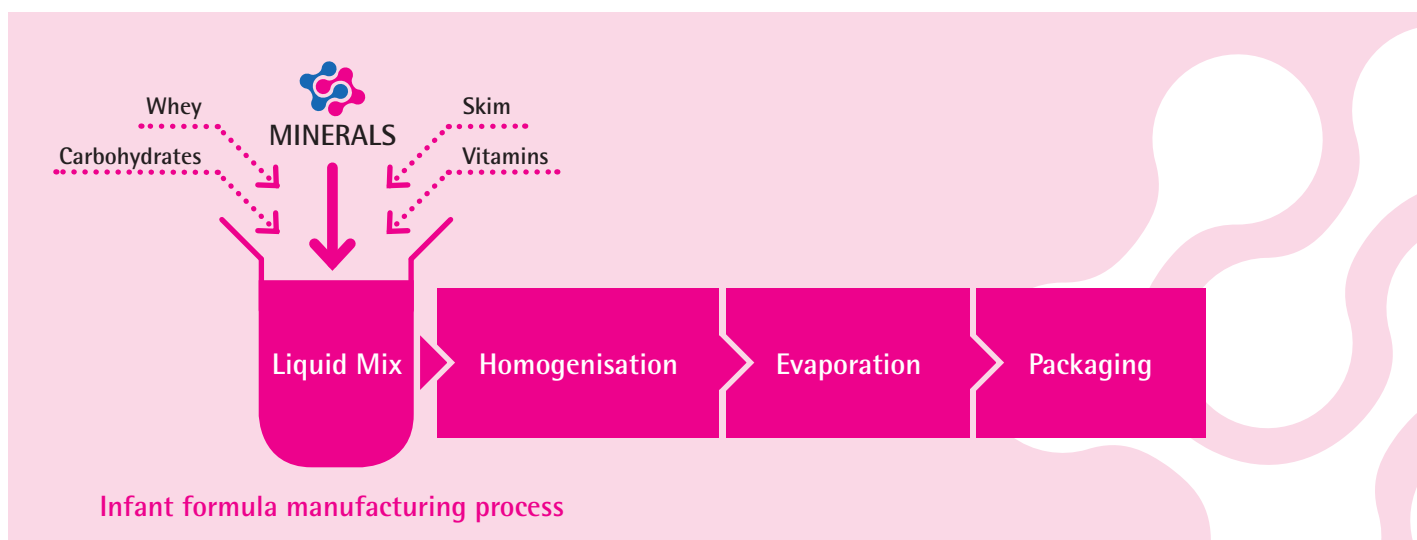
# MINERALS FOR FOOD INDUSTRY

## MINERALS FOR FOOD INDUSTRY

Minerals are inorganic compounds, mainly salts, which are essential for life. Found in bones and teeth, they are involved in metabolic and biochemical processes. Like all nutrients, minerals are found in basic foods such as meat, milk, fish, vegetables, fruits, and cereals.

Some minerals are not present in relevant quantities in food. Processing can also reduce food's nutritional value. Therefore, a wide range of nutrients and other ingredients are used in food manufacturing, including minerals. They are added to food in order to enrich or fortify it, so as to add to or improve any of its nutritional characteristics.

The addition of minerals in manufacturing processes is done in infant formula production, nutraceuticals, milk derivatives, among others.



PanReac AppliChem's minerals portfolio fulfills the EC and FCC standards. Our products are produced according to a strict quality policy, in accordance with ISO and HACCP.

When choosing PanReac AppliChem as your partner for minerals supply, you are also acquiring:



## ITW Reagents

75 years  
of experience

2 production  
sites and logistics  
centers (Barcelona  
and Darmstadt)

We meet:  
ISO 9001:2015  
ISO 14001:2015  
OHSAS 18001:2007

Technical  
know-how

Market  
knowledge

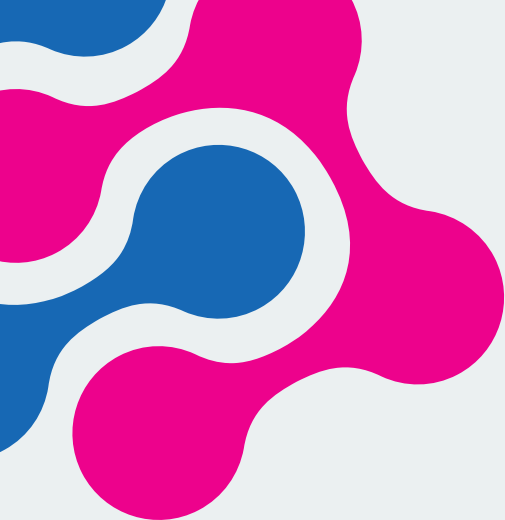
*"Enrich your products with PanReac AppliChem"*

Description	Buffer	Emulsifier	Firming agent	Flavoring agent	Nutrient	pH control agent	Preservative	Sequestrant	Texturizing agent
L(+)-Ascorbic Acid (E-300, F.C.C.)					•				
Calcium Carbonate precipitated (E-170i, F.C.C.)			•		•	•			
Calcium Carbonate precipitated, low in iron (0,001%) (E-170, F.C.C.)			•		•	•			
Calcium Chloride 2-hydrate powder (E-509, F.C.C.)			•					•	
tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.)	•		•					•	
Calcium Hydroxide, powder (E-526, F.C.C.)	•		•			•			
tri-Calcium Phosphate (E-341iii, F.C.C.)	•				•				
Citric Acid anhydrous (E-330, F.C.C.)				•				•	
D(+)-Glucose anhydrous (F.C.C.)									•
Iron(II) Sulfate 7-hydrate (F.C.C.)					•				
Magnesium Chloride 6-hydrate (E-511, F.C.C.)			•						
Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.)					•	•			
Magnesium Hydroxide (E-528, F.C.C.)						•			
Magnesium Sulfate 7-hydrate (F.C.C.)					•				
Manganese(II) Sulfate 1-hydrate (F.C.C.)					•				
Potassium Chloride (E-508, F.C.C.)					•				
Potassium Chloride with anticaking (F.C.C.)					•				
Potassium di-Hydrogen Phosphate (E-340i, F.C.C.)	•							•	
di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.)	•							•	
Potassium Hydroxide 85% pellets (E-525, F.C.C.)						•			
Potassium Iodide (F.C.C.)					•				
Sodium Chloride with anticaking (F.C.C.)				•	•		•		
tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.)	•							•	
tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.)	•	•			•			•	•
Sodium Sulfate anhydrous (E-514i, F.C.C.)					•				
Sorbic Acid (E-200, F.C.C.)							•		
Zinc Sulfate 1-hydrate (F.C.C.)					•				
Zinc Sulfate 7-hydrate (F.C.C.)					•				

This is a selection of PanReac AppliChem products. Please inquire for further products.



A189,EN;201707



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