

aditio
FOOD ADDITIVES

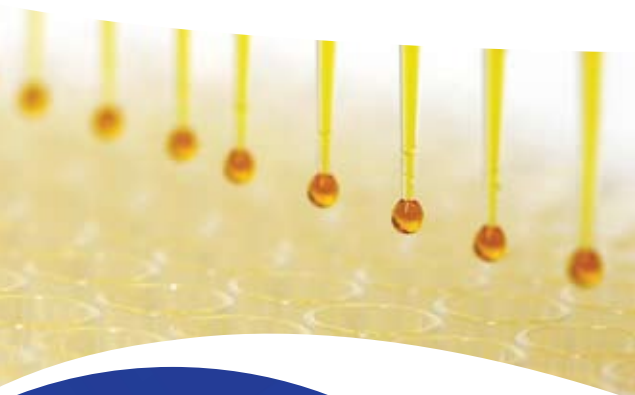
Panreac

Range of additives
for Dairy Industry.

The role of food additives is fundamental for the food industry as well as for the consumer.

PANREAC has selected a range of 70 specific additives for the Dairy Industry, of its more than 200 chemicals intended for the Food Industry, prepared for use in a large variety of technological processes or to be directly incorporated into the finished product.

ADITIO-DAIRY INDUSTRY is the **PANREAC** range of chemical products with food additive quality that adhere to the **Food Chemicals Codex (FCC) specifications**, as well as those stipulated by the **European Community and Spanish Legislation**.





The use of **ADITIO-DAIRY INDUSTRY** products will provide a strong guarantee and reliability in the produced food quality, because in **PANREAC**:

- We know that the role of additives is fundamental in food products.
- We manufacture more than 200 products for the **ADITIO** range, all suitable for the Food Industry, including these 70 additives from the **ADITIO- DAIRY INDUSTRY** range.
- PANREAC's full range of **ADITIO** products adhere to the **Food Chemicals Codex (FCC) specifications**, as well as those stipulated by **European Community and Spanish Legislation**.
- We have the expertise from being the leader of the Spanish market of analytical reagents, as well as PANREAC's quality that is recognized worldwide.

The following charts are arranged by E numbers so that you can easily locate the additive of your choice. Moreover, the possible use of each substance is indicated for informational purposes.



List of the 70
Aditio range additives
that PANREAC offers
for the Dairy Industry.



E Number	Panreac Code	Description
E-260	201008	Acetic Acid glacial (E-260, F.C.C.) ADITIO
E-527	201130	Ammonia 30% (as NH ₃) (E-527, F.C.C.) ADITIO
E-503i	201119	Ammonium Carbonate (E-503i, F.C.C.) ADITIO
E-503ii	201116	Ammonium Hydrogen Carbonate (E-503ii, F.C.C.) ADITIO
E-414	202061	Arabic Gum powder (E-414, F.C.C.) ADITIO
E-300	201013	L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO
E-320	204233	2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO
E-263	201211	Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO
E-341i	201225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO
E-170i	204395	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO
E-170i	201212	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO
E-509	204954	Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO
E-509	201232	Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO
E-509	201214	Calcium Chloride 6-hydrate (E-509) ADITIO
E-509	204310	Calcium Chloride 10% w/w solution (E-509) ADITIO
E-333iii	201213	tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO
E-526	202400	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO
E-327	201230	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO
E-341iii	201228	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO
E-330	201808	Citric Acid anhydrous (E-330, F.C.C.) ADITIO
E-330	201018	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO
E-422	201339	Glycerol (E-422, F.C.C.) ADITIO
E-507	201020	Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO
E-507	202794	Hydrochloric Acid 30% (E-507, F.C.C.) ADITIO
E-507	204501	Hydrochloric Acid 5% (E-507, F.C.C.) ADITIO
E-270	201034	L(+)-Lactic Acid (E-270, F.C.C.) ADITIO
E-270	203456	L(+)-Lactic Acid 18% w/w (E-270, F.C.C.) ADITIO
E-501i	201490	Potassium Carbonate (E-501i, F.C.C.) ADITIO
E-508	201494	Potassium Chloride (E-508, F.C.C.) ADITIO
E-332ii	201492	tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO
E-332ii	203207	tri-Potassium Citrate 1-hydrate powder (E-332ii, F.C.C.) ADITIO
E-501ii	201480	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO
E-340ii	201512	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO
E-340i	201509	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO
E-336i	201486	Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO
E-525	201515	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO
E-252	201524	Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO
E-252	206401	Potassium Nitrate with anticaking (E-252, F.C.C.) ADITIO
E-340iii	201513	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO
E-450v	204321	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO
E-202	201531	Potassium Sorbate (E-202, F.C.C.) ADITIO
E-310	201962	Propyl Gallate (E-310, F.C.C.) ADITIO
E-262i	201633	Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO
E-262i	201632	Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO
E-301	203865	Sodium L(+)-Ascorbate (E-301, F.C.C.) ADITIO
E-500i	201648	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO
E-500i	202032	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO
E-500i	201647	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO
E-331iii	201655	tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO
E-331iii	205393	tri-Sodium Citrate 2-hydrate ground (E-331iii) ADITIO
E-331iii	201656	tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO
E-500ii	201638	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO
E-331ii	201654	di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO
E-339ii	201679	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO
E-339ii	202507	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO
E-339ii	201678	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO
E-339i	202018	Sodium di-Hydrogen Phosphate anhydrous (E-339i, F.C.C.) ADITIO
E-339i	201965	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO
E-339i	201677	Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO
E-450i	201709	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO
E-524	201687	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO
E-251	201702	Sodium Nitrate (E-251, F.C.C.) ADITIO
E-339iii	201681	tri-Sodium Phosphate 1-hydrate (E-339iii, F.C.C.) ADITIO
E-339iii	201680	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO
E-452i	201684	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO
E-450iii	201711	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO
E-450iii	201710	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO
E-200	201055	Sorbic Acid (E-200, F.C.C.) ADITIO
E-334	201066	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO

Additives used in Cocoa and Chocolate

E Number	Panreac Code	Description	Sequestrant	Dispersing agent	Acidifier	Flavoring agent	Nutrient	Dietetic supplement	Buffer	Firming agent	General Use	Emulsifier	Wetting agent	pH control agent	Neutralizing agent	Thickener	Stabilizer
E-170i	201212	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO					●	●					●				
E-170i	204395	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO					●	●	●				●				
E-330	201018	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO	●	●	●	●											
E-330	201808	Citric Acid anhydrous (E-330, F.C.C.) ADITIO	●	●	●	●											
E-334	201066	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO	●		●	●											
E-414	202061	Arabic Gum powder (E-414, F.C.C.) ADITIO								●							●
E-422	201339	Glycerol (E-422, F.C.C.) ADITIO										●				●	
E-500i	201647	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO											●				
E-500i	202032	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO											●				
E-500i	201648	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO											●				
E-500ii	201638	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO											●				
E-501i	201490	Potassium Carbonate (E-501i, F.C.C.) ADITIO											●				
E-501ii	201480	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO											●				
E-503i	201119	Ammonium Carbonate (E-503i, F.C.C.) ADITIO					●							●			
E-524	201687	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO											●				
E-525	201515	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO											●				
E-526	202400	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO					●	●	●				●		●		
E-527	201130	Ammonia 30% (as NH ₃) (E-527, F.C.C.) ADITIO											●				

Additives used in Ice cream

E Number	Panreac Code	Description	Sequestrant	Nutrient	Dietetic supplement	Buffer	Firming agent	Leavening agent	Yeast food	Emulsifier	Texturizer	Anticaking agent
E-339i	201965	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO	●	●	●					●		
E-339ii	201678	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO	●	●	●					●	●	
E-339ii	202507	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO	●	●	●					●	●	
E-339ii	201679	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	●	●	●					●	●	
E-339iii	201680	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO	●	●	●					●		
E-339iii	201681	tri-Sodium Phosphate 1-hydrate (E-339iii, F.C.C.) ADITIO	●	●	●					●		
E-340i	201509	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO	●		●					●		
E-340ii	201512	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO	●		●					●		
E-340iii	201513	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO	●		●					●		
E-341i	201225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO	●	●	●	●	●	●		●		
E-341iii	201228	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO	●	●	●					●		●
E-450i	201709	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO	●	●	●					●	●	
E-450iii	201710	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO	●	●	●					●	●	
E-450iii	201711	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO	●	●	●					●	●	
E-450v	204321	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO	●	●	●					●	●	
E-452i	201684	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO	●							●	●	

Panreac

Do not hesitate to consult Panreac about the available packaging for ADITIO products. As a general rule, there are polypropylene buckets with handle for solids and high-density polyethylene drums for liquids. The usual volumes of these are 5 kg/l, 25 kg/l, 60 l and 200 l, and further presentations may be considered, if necessary.

We offer other **ADITIO** products as well. Do not hesitate to consult the different presentations that we can offer.



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