

Process flow diagram

Offering the best of nature™	
Products :	Glucono Delta Lactone
Manufacturing locations :	Cassano (IT)

Fermentation Demineralization Concentration Crystallization Drying Sieving Storage MP1					
Concentration Crystallization Drying Sieving Storage		Fermentation	l		
Crystallization Drying Sieving Storage	D	emineralizatio	on		
Drying Sieving Storage	Concentration				
Sieving Storage	Crystallization				
Storage		Drying			
		Sieving			
MP1		Storage			
		MP1			
Packaging lines					
CCP1		CCP1			
Bag filling					
CCP2		CCP2			
Storage		Storage			

Critical Control Points (CCP) management					
Type of hazard	Cassano	Action in case of deviation			
Foreign material	CCP 1 - Safety sieve 2 mm : Inspection of the sieve once a shift. Record on production logbooks.	 In case of failure, or foreign matter, the sieve is replaced. All batches produced after the last control are identified and put on "hold". The QA manager is in charge of the investigation and the release of the product. 			
Metal	MP1 - Magnets : Metal check is done once a shift. Record on production logbooks.	- In case of anomaly, the QA manager is in charge of the investigation and management.			
Metal	CCP 2 - Metal detector : Fe : 2.0 mm Non Fe : 2.5 mm Stainless steel : 2.5 mm Metal check is done once a shift. Record on production logbooks.	 In case of failure, all batches produced after the last control are identified and put on "hold". The QA manager is in charge of the investigation and the release of the product. 			

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