

The following specification is the latest revision (as at 17 Jun 2019) and supersedes all previous specifications for this product code.

Specification Details					
<b>Product Code</b>	CHELCA4000	<b>CAS Number</b>	62-33-9	<b>Shelf Life</b>	1,825 Day
<b>Product</b>	Chelated Calcium-EDTA 9% Pwd				
<b>Pack Size</b>	25 kg net Bags				
<b>Customer Name</b>	Horticulture Limited				
<b>Revision</b>	7 (on 10/06/2016)				
<b>Authorised By</b>	Damien Barrett Quality Assurance Manager	<b>Notes</b>	Back to revision 5		

Specifications				
Description	Unit	Typical	Guaranteed	Method
Chemical Name: Ethylenediaminetetraacetic acid calcium disodium complex				
Formula: EDTA-CaNa <sub>2</sub> .2H <sub>2</sub> O (C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>8</sub> CaNa <sub>2</sub> .2H <sub>2</sub> O)				
Molecular weight: 410.3				
Characteristics and Application: it is a stable water soluble metal chelate, mainly used in food industry, agriculture and horticulture as micronutrient, and calcium is present in a chelated form.				
Solubility in water @ 20 deg C	g/l	around 800		
Appearance: white powder			Conforms	
Calcium, chelated	%		Min 9.5	
Water insoluble	%		Max 0.05	
pH value, 1% solution			6.0 - 7.5	
Pb	ppm		Max 10	
Cd	ppm		Max 10	
As	ppm		Max 10	
Total Nitrogen, N (water soluble Nitrogen)	%		Min 6.48	

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