

Company: Natural Option USA

Product Report: OsteOrganiCAL™

OsteOrganiCAL™ Specification Requirements

Label Designation	Seaweed derived calcium magnesium
Source	Mineralized marine algae
PHYSICAL AND CHEMICAL CHARACTERISTICS:	
Appearance	Off-white powder
Taste	Neutral
Particle Size	25µm maximum
Bulk Density	0.7 – 0.9 g/cm ³
PHYSICAL AND CHEMICAL SPECIFICATIONS:	
Moisture	5% maximum
Ash	90% maximum
Calcium	29% maximum
Magnesium	3.5% maximum
Arsenic	1mg/kg maximum
Lead	1mg/kg maximum
Heavy Metals as Lead	10ppm maximum
Cadmium	0.5ppm maximum
MICROBIOLOGICAL SPECIFICATIONS:	
Total Viable Count	100cfu/g maximum
Yeast and Mold	Negative/g
Coliforms	Negative/g
E. coli	Negative/g
Salmonella	Negative/25g

***The information above relates to the maximum and minimum specification requirements each category in OsteOrganiCAL™ is permitted to contain. The following page will then show the certificate of analysis (COA) of OsteOrganiCAL™ which contains the quantity of each category present in the calcium.

OsteOrganiCAL™ Certificate of Analysis

Date Shipped: **08/25/2015**

Lot No: **501056**

Date Manufactured: **02/30/2015**

Analysis	Unit	Results	Minimum	Maximum
MOISTURE	%	0.40		5.00
ASH	%	93.80	89.00	
CALCIUM	%	34.1	31.0	35.0
MAGNESIUM	%	2.7	2.3	4.0
BULK DENSITY	g/cm3	0.79	0.70	0.90
LEAD/PPM	-	< =0.5		1.0
HEAVY METALS (AS PB), PPM	-	< =5.0		10.0
CADMIUM, PPM	-	< =0.5		0.5
ARSENIC, PPM	-	< 1.0		1.0
STANDARD PLATE COUNT	/g	636		2,000
YEAST AND MOLD	/g	10		100
SALMONELLA	-	NEGATIVE	NEGATIVE	
E-COLI IN 1G	-	NEGATIVE	NEGATIVE	
COLIFORMS/G	-	NEGATIVE		<10

***The above analysis specifies exactly how much of each individual category OsteOrganiCAL™ contains. According to the above information, OsteOrganiCAL™ falls within all required specifications.

OsteOrganiCAL™ Flow Chart

