

# ATTORED-BUFF

## (Red algae based rumen Buffer)

AttoRed Buff is derived from a fossilized red algae, is a completely natural anti-acid properties as natural pH manager, act on ruminal pH in order to stabilize it. Its Sources of marine mineral contains highly bioavailable calcium and magnesium, plenty of minerals and trace-elements with a nutritional interest (iron, copper, iodine and sodium). Our pH-stabilizer is composed of two natural marine anti-acids: calcium carbonate and magnesium carbonate.

### Chemical Composition and Properties of AttoRed-Buff (Red Algae )

Nutrients	Units	Values
Minerals components		
Moisture	%	3.5
Minerals Matters	%	93.5
Calcium	%	33.1
Magnesium	%	2.1
Potassium	%	0.01
Sodium	%	0.04
Sulphur	%	0.5
Chloride	%	0.5
Cobalt	ppm	2.5
Copper	ppm	60
Manganese	ppm	170
Zinc	ppm	90
Iodine	ppm	3.2
Iron	ppm	780
Selenium	ppm	0.4
boron	ppm	30
molybdenum	ppm	2.2
Chromium	ppm	7.1
Fluoride	ppm	853.5
Cadmium	ppm	0.19
Arsenic	ppm	1.08
Proteins and Amino Acid	Units	Results

Total Protein	%	0.52
Alanine	%	0.029
Arginine	%	0.030
Aspartic cid	%	0.055
Cystine	%	0.046
Glutamine	%	0.008
Glycine	%	0.015
Hystidine	%	0.016
Isoleucine	%	0.019
Leucine	%	0.013
Lysine	%	0.057
Mehionine	%	0.045
Phenylalanine	%	0.017
Proline	%	0.019
Serine	%	0.019
Thrionine	%	0.027
Tryptophan	%	0.005
Tyrosine	%	0.025
Valine	%	0.055
Appearance	A fine Amorphous , Impalpable , light Reddish-brown powder	
pH Range	10% Sol.	9.2
Bulk Density (loose)	Wt/Vol.	0.95
Assays	%	98-100
Particle Size	Mash	100-150

*This is to Certify that above Information is true and correct to the best of my knowledge.  
This is natural Products, above Parameters is on average values basis and may be vary  
slightly batch to batch.(values on dry matter basis)*