



**BLUE OCEAN  
BARNs**

## Brominata Product Specifications

Physical appearance	Specification	Methodology
Color	Deep red-maroon	Visual inspection
Nutritional composition	Specification (%DM)	Methodology
Crude protein	5–60	AOAC 990.03
Crude fat	0.1–2.25	AOAC 2003.05
Acid detergent fiber	2.5–25	AOAC 973.18
Neutral detergent fiber	10–45	Modified Van Soest method
Select heavy metal and mineral content	Specification (ppm)	Methodology
Arsenic	< 15	AOAC 985.01
Cadmium	< 10	AOAC 985.01
Cobalt	< 10	AOAC 985.01
Copper	< 100	AOAC 985.01
Iodine	< 210	AOAC 985.01
Lead	< 25	AOAC 985.01
Mercury	< 100	AOAC 985.01
Molybdenum	< 20	CVAS method
Selenium	< 5	AOAC 985.01
Microbiology	Specification (cfu/g)	Methodology
Aerobic plate count	< 10	AOAC 2015.13
<i>E. Coli</i>	< 10	AOAC 2018.13
Total coliforms	< 10	AOAC 2018.13
Yeast	< 10	FDA/BAM Chapter 18
Mold count	< 10	FDA/BAM Chapter 18
<i>Staphylococcus aureus</i>	< 10	AOAC 2003.07
<i>Salmonella</i> (organisms/25g)	Negative	AOAC 2003.09; AFNOR QUA 18/03-11/02

**Key:** DM = dry matter; ppm = parts per million, reported on a dry matter basis; cfu = colony forming units; AOAC = AOAC International Official Methods of Analysis; Modified Van Soest method = Van Soest et al., 1991 with modification: Whatman 934-AH glass micro-fiber filters with 1.5 um particle retention; CVAS method = 2 g sample ashed at 480°C for 4 hours. Digest in open crucible for 20 min in 15% nitric acid on hotplate. Sample diluted to 50 ml and analyzed on axial view ICP; FDA/BAM = US FDA Bacteriological Analytical Manual; AFNOR QUA 18/03-11/02 = Association Française de Normalisation certificate number. QUA 18/03-11/02, BAX® System PCR Assay for Salmonella