

## Granular Bone Char

**Bone Char** is a black, granular solid obtained by calcining cattle bones. Through the calcining process crushed bone is stripped clean leaving carbon and tricalcium phosphate. Bone char has proven to be a valuable filtering media in the purification of sugar syrups, removing dissolved contaminants from aquarium water and removing fluoride from water. Bone char also has a high adsorptive capacity for lead, mercury and arsenic.

### General Specifications

Carbon Content .....	9 - 11%
Acid Soluble Ash .....	3% max.
Tricalcium Phosphate (Hydroxyapatite) .....	70 - 76%
Calcium Carbonate .....	7 - 9%
Calcium Sulfate .....	0.1 - 0.2%
Surface Area (N <sub>2</sub> BET Method) .....	200 m <sup>2</sup> /g
Carbon Surface Area .....	50 m <sup>2</sup> /g
Hardness Number .....	80 min.
Iron .....	<0.3%
Pore Size Distribution .....	7.5 - 60,000 nm
Pore Volume .....	0.225 cm <sup>3</sup> /g
Moisture (as packed) .....	5 % max.
pH .....	8-10 Typical
Bulk Density .....	40 Lbs/Ft <sup>3</sup>
Typical Mesh Size Available .....	<b>5 X 8 / 8 X 24 / 20 X 60</b>

### Packaging

55 Pound Bags Net