



# Product Specification

**Product:** Boron Citrate 5%  
**Product Code:** BO08X50102

## Product Description:

**Boron Citrate 5% is boron from boric acid mixed with citric acid and silicon dioxide.**

<b>Requirements:</b>	<b>Specification:</b>	<b>Method:</b>
<b>Boron Content</b>	<b>5.0 - 6.0%</b>	<b>ICP</b>
<b>Loss on Drying</b>	<b>NMT 10%</b>	<b>USP (Desiccator)</b>
<b>Lead</b>	<b>NMT 0.2 ppm</b>	<b>ICP-MS</b>
<b>Arsenic</b>	<b>NMT 2 ppm</b>	<b>ICP-MS</b>
<b>Cadmium</b>	<b>NMT 3 ppm</b>	<b>ICP-MS</b>
<b>Mercury</b>	<b>NMT 3 ppm</b>	<b>ICP-MS</b>
<b>Bulk Density</b>	<b>NLT 0.4 g/ml</b>	<b>USP</b>
<b>Tapped Density</b>	<b>NLT 0.6 g/ml</b>	<b>USP</b>
<b>Particle Size</b>	<b>NLT 90% through 60 mesh</b>	<b>Rotap</b>

<b>Microbiology:</b>	<b>Specification:</b>	<b>Method:</b>
<b>Total Plate Count</b>	<b>NMT 3,000 cfu/g</b>	<b>AOAC</b>
<b>Total Coliform</b>	<b>NMT 50 cfu/g</b>	<b>FDA/BAM</b>
<b>Staph Aureus</b>	<b>Negative in 10 g</b>	<b>FDA/BAM</b>
<b>Salmonella</b>	<b>Negative in 25 g</b>	<b>FDA/BAM</b>
<b>E. Coli</b>	<b>Negative in 10 g</b>	<b>FDA/BAM</b>
<b>Yeast</b>	<b>NMT 100 cfu/g</b>	<b>AOAC</b>
<b>Mold</b>	<b>NMT 100 cfu/g</b>	<b>AOAC</b>

**Packaging: 25 kg cardboard box with poly liners.**

**Shelf Life: 2 years from the date of manufacture.**

**Storage: Ambient Temperatures, Dry Environment**

**Manufactured in the U.S.A.**

## Intended Use Statement:

*This material is intended to be used for ingredients or additives in food grade products that require further processing, and is not labeled or branded for direct consumer retail.*

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