

CERTIFICATE OF ANALYSIS

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|---------------------|--------------------------------|
| Product Description | BORIC ACID, CRYSTALLINE |
| Product Number | B210 |
| Lot Number | HTW0210014 |
| Storage Temperature | Room Temperature |
| Molecular Weight | 61.83 g/mol |
| Formula | H ₃ BO ₃ |
| CAS Number | 10043-35-3 |

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|--|----------------------------------|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| pH | Under Development | 5.1 |
| Physical Appearance Color* Texture | PM-1 to PM-4 Fine to Crystalline Powder | PM-4 White Crystalline Powder |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | For Information Only (Approx. 1 min) | Passes |
| Insolubles | None | Passes |
| Purity | Minimum 99.5% | 99.78% |

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration: 6.0 mg/L

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|--|--------------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants | H38 Tobacco Callus | Passes |
| | Perilla Fantasy | Passes |

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for **LABORATORY USE ONLY**. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 08-December-2023

Recommended Shelf-Life Date: December 2031



David Hart
Technical Director