

CERTIFICATE OF ANALYSIS

Product Description BORIC ACID, CRYSTALLINE
ACS Reagent
Product Number B210
Lot Number ACR0210011
Storage Temperature Room Temperature
Molecular Weight 61.83 g/mol
Formula H₃BO₃
CAS Number 10043-35-3

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|--|----------------------------------|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| pH | Under Development | 5.2 |
| 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) | 1 min |
| Insolubles | None | Passes |
| Purity | Minimum 99.5% | 100.29% |

* 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 | Begonia | Passes |
| | Cape Primrose | Passes |

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

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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: 21-March-2018

Recommended Shelf Life Date: March-2026



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