

# CERTIFICATE OF ANALYSIS

Product Description      HEPES, FREE ACID  
Product Number        H326  
Lot Number              10J0326001  
Storage Temperature    Room Temperature  
Molecular Weight       238.3  
Formula                  C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S  
CAS Number             7365-45-9

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in water @ 100 mg/mL	Passes
pH	Under Development	5.4
Physical Appearance Color* Texture	RM-1 – RM-3, or RM-31 Powder	PM-4 White Coarse Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 5 mins	Passes
Insolubles	None	Passes

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

## **Biological Testing:**

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	African Violet	Passes
	Kalanchoe	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: 25-May-2018

Recommended Shelf Life Date: May 2023



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PhytoTechnology  
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