

# 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	4.65
Physical Appearance Color* Texture	RM-1 – RM-3, or RM-31 Crystalline Powder	RM-1 Off-White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 5 mins	Passes
Insolubles	None	Passes
DNase	None Detected	Passes
RNase	None Detected	Passes

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

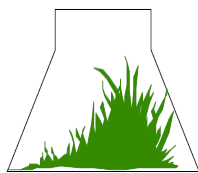
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**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.**

Recommended Shelf Life Date: September 2018



Gary Seckinger, Ph.D.



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Created on 29 September 2010  
Revised on 3 October 2011 PN