

CERTIFICATE OF ANALYSIS

Product Description TRIS-BASE
Product Number T838
Lot Number 08D83806
Storage Temperature Room Temperature
Molecular Weight 121.13
Formula C₄H₁₁NO₃
CAS Number 77-86-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (1.00 g/L)	Under Development	10.06
Physical Appearance Color* Texture	RM-1 to RM-3 or RM-31 Crystalline Powder	RM-31 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Precipitation Formation	None	Passes
Purity by Titration (0.1 N HCl)	Minimum 99.0%	99.8%
Identity by IR	Conforms to Reference	Passes
Heavy Metals (as Pb)	For Information Only	< 5 ppm
Water Content by Karl Fischer	For Information Only	0.1%

* 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, LLC 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: April 2013



Gary Seckinger, PhD



PhytoTechnology
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Dedicated to Growth

PhytoTechnology Laboratories, LLC

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