

CERTIFICATE OF ANALYSIS

Product Description	TRIS-BASE
Product Number	T838
Lot Number	SPS0838013
Storage Temperature	Room Temperature
Molecular Weight	121.13 g/mol
Formula	C ₄ H ₁₁ NO ₃
CAS Number	77-86-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	10.2
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder to Crystals	PM-1 Off-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 99.0%	100.1%
FTIR	Conforms to Structure	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.

Date of Release: 6-March-2017

Recommended Shelf Life Date: March 2025



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