

CERTIFICATE OF ANALYSIS

Product Description TRIS-BASE
Product Number T838
Lot Number 09K0838008
Storage Temperature Room Temperature
Molecular Weight 121.13
Formula C₄H₁₁NO₃
CAS Number 77-86-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	10.1
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder to Crystals	PM-3 Off-White Crystals
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	1 min
Insolubles	None	Passes
Purity by Titration (0.1 N HCl)	Minimum 99.0%	99.8%
FTIR	Conforms to Structure	Passes
Heavy Metals (as Pb)	For Information Only	Less than 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™).

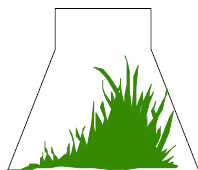
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories® 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: November 2021



Gary Seckinger, Ph.D.



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