

CERTIFICATE OF ANALYSIS

Product Description	TRIS-BASE
Product Number	T838
Lot Number	09G0838007
Storage Temperature	Room Temperature
Molecular Weight	121.13
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	10.4
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder	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
FTIR	Conforms to Structure	Passes
Purity by Titration (0.1 N HCl)	Minimum 99.0%	99.4%
Water Content by Karl Fischer	For Information Only	0.08%

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

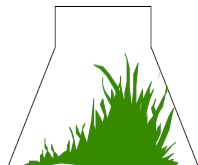
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: July 2021



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories®
Dedicated to Growth

PhytoTechnology Laboratories®

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 (1-913-341-5343 Outside the USA & Canada)

Fax: 1-888-449-8682 (1-913-341-5442 Outside the USA & Canada)

Visit our Web Site at <http://www.phytotechlab.com>



Created on 20 July 2009
Revised on 14 July 2016 JN