DCN: BSI-COA-0301 v.1.0



Effective Date:	14-Nov-2024	14-Nov-2027	: Date of Next Review
Prepared By:	Amy Yencho	Not Applicable	: Supersedes
QA/QC Approval:	Krista Rehrig	Carissa Albert	: Management Approval
Reason for Revision:	See Revision History in MasterControl		

CERTIFICATE OF ANALYSIS

TRIS / TROMETHAMINE, LBLE BIO ACTIVE GRADE / TRIS-2257-00

LOT: TRIS-0122-00136

NH₂C(CH₂OH)₃ \(F.W. 121.14 \) g/mol. \(CAS# 77-86-1 \) Manufacturing Date: 06/13/22 Expiration Date: 06/30/25

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013

Packaging Date: 06/14/22 Packaging Site: 100 Majestic Way, Bangor PA, 18013

Meets or Exceeds EP Specifications

Analysis	SPECIFICATION	TEST RESULT
Appearance and Color	White / Crystals	White / Crystals
Appearance of Solution	Clear and Colorless	Clear and Colorless
Assay, Dried Substance	99.0-100.5%	99.9%
Bacterial Endotoxins	≤0.03EU/mg	<0.03EU/mg
Chloride	≤100ppm	<100ppm
Identification A, pH	10.0-11.5	10.9
Identification B, Melting Point	168-174°C	171-172°C
Identification C, IR	Conforms to Reference Standard	Conforms to Reference Standard
Identification D	Conforms to Reference Standard	Conforms to Reference Standard
Iron	≤10ppm	<0.20ppm
Loss on Drying	≤0.5%	0.1%
pH 5%	10.0-11.5	10.9
Related Substances	≤1.0%	<0.03%
Sulfated Ash	≤0.1%	<0.1%

COUNTRY OF ORIGIN: U.S.A.

TEST METHOD REFERENCE: DCN: BSI-ATM-0007

CAUTION: For manufacturing, processing, or repacking.

CAUTION: Rx only.

Reviewed by:

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a non-Sterile Active Pharmaceutical Ingredient manufactured in accordance with the ICH Q7 Good Manufacturing Practice Guide. The material represented by this Certificate of Analysis is not suitable to be used as a Sterile or Injectable Active Pharmaceutical Ingredient, Drug Product or Household Item.

Date: 12/17/24 Job Title: Senior Quality Manager

Mylor Date: 12/17/24 Job Title: QA Supervisor Prepared by: