DCN: BSI-COA-0334 v.1.0

BI BUFFER SOLUTIONS

100 Majestic Way, Bangor, PA 18013 / www.biospectra.us

Effective Date:	13-May-2025	13-May-2028	: 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 ACS, Biotech

BIO ULTRA GRADE / TRIS-5222

LOT: TRIS-L02-0725-0188

Analysis		SPECIFICATION	TEST RESULT	
Absorbance (40%)	290nm	<= 0.2 a.u.	0.060 a.u.	
Appearance and Color		White Crystalline Powder	White Crystalline Powder	
Assay, Dried Basis		99.8-100.1%	99.85 %	
Heavy Metals (as Pb)		<= 5 ppm	<= 5 ppm	
Insoluble Matter		<= 0.005%	<= 0.005 %	
Iron (Fe)		<= 5 ppm	< = 5 ppm	
pH (5%)		10.0 - 11.5	10.73	
Water, KF		<= 1.0 %	0.12 %	

<u>INTENDED USE:</u> Material represented by this Certificate of Analysis is suitable for use as a process chemical. The material represented by this Certificate of Analysis is not suitable to be used as an Excipient, Active Pharmaceutical Ingredient, Drug, Drug Product or Household Item.

MANUFACTURING DATE: The manufacturing date is representative of the date of final packaging at BioSpectra, Inc.

Prepared by: \(\int\)\(\lambda	Date: _	7/21/25	Job Title: _	QA Techl	11
Reviewed by: Can Allut	Date: _	7/21/25	Job Title: \(\sum_{\text{ob}} \)	enior Quality	Manager