



Certificate of Analysis

Tricine Buffer

Catalog Number: TR1002
Lot Number: 0405701
CAS Number: 5704-04-1
Synonym(s): *N*-[Tris(hydroxymethyl)methyl]glycine
Molecular Formula: C₆H₁₃NO₅
Molecular Weight: 179.17
Storage: 15°C – 30°C
Date of Manufacture: July 14, 2016
Retest Date: July 14, 2018

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay (Titration)	≥ 99.0%	100.74%
Solubility (1M)	Clear	Conforms
pH (1%)	4.6 – 5.3	5.28
Absorbance (1M)		
260nm	≤ 0.04	0.014
280nm	≤ 0.02	0.011
Moisture	≤ 0.1%	0.068%
Heavy Metals	≤ 5ppm	< 5ppm

Approved by:

Date: April 5, 2017

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