



Specification

Tricine Buffer

Catalog Number: TR1002
CAS Number: 5704-04-1
Synonym(s): N-[Tris(hydroxymethyl)methyl]glycine
Molecular Formula: C₆H₁₃NO₅
Molecular Weight: 179.17
Storage: 15°C – 30°C
Retest Period: Two years from the date of manufacture

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

Approved:

Date: September 18, 2018

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