



Certificate of Analysis

Bis Tris UltraPure

Catalog Number: BT1001
Lot Number: 0616702
CAS Number: 6976-37-0
Synonym(s): 2,2-Bis(hydroxymethyl)-2,2',2''-nitrilotriethanol, 2-Bis(2-hydroxyethyl) amino-2-(hydroxymethyl)-1,3-propanediol, Bis(2-hydroxyethyl)amino-tris(hydroxymethyl)methane
Molecular Formula: C₈H₁₉NO₅
Molecular Weight: 209.24
Storage: 15°C – 30°C
Date of Manufacture: April 4, 2017
Retest Date: April 3, 2020

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay (Titration)	≥ 99.0%	99.92%
Identification	To match reference	Conforms
Moisture (KF)	≤ 1%	< 1%
Insoluble Matter	Clear	Conforms
pH (1%)	8.8 – 9.8	9.6
pKa (20°C)	6.35 – 6.65	Conforms
Absorbance (280nm, 0.1M)	≤ 0.04	< 0.04
Heavy Metals	≤ 5ppm	< 5ppm

Approved by:

Date: June 16, 2017

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