

Chem-Impex International, Inc.

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Certificate of Analysis

Lot Number	000873-0000428831
Catalogue Number	38756
Product	Bis-tris propane 1,3-Bis(tris(hydroxymethyl)methylamino)propane
CAS Number	64431-96-5
Molecular Formula	C ₁₁ H ₂₆ N ₂ O ₆
Molecular Weight	282.34

Appearance	White crystalline powder
Solubility	Colorless solution
Solubility (Turbidity)	Clear solution (15 g plus 35 mL water)
Melting Point	160 - 167 °C
Trace Metal Analysis	Ag, AS, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn : < 5 ppm
Water Content (Karl Fisher)	0.0%
Infrared Spectrum	Conforms to structure
Impurities	Tris (Hydroxymethyl) Aminomethane : 0.1% (1HNMR)
Absorbance	A ₂₉₀ : 0.01 30% W/V
RNase, DNase, Protease	Not detected
Endotoxin Test	0 EU/mg
Microbial Count	1 cfu/g (TAMC)
Related Substances	NICKase, endonuclease detection : Not detected
Assay by titration	99.9%
Grade	suitable for cell culture
Storage	Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager