

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **BIS-TRIS**  
Specifications & Purity: for cell culture,for insect cell culture,≥98%(HPLC)  
SKU # **B113072**

Parameter	Limit Values
Purity(HPLC)	98-100 (%)
Melting point	102-106 (°C)
Heavy metal (as Pb)	0-5 (ppm)
Purity (Titration by H <sub>2</sub> SO <sub>4</sub> ) (anhydrous)	98-100 (%)
UV Absorbance (1 cm/0.1 M in H <sub>2</sub> O, 280nm)	0-0.04
Total aerobic microbial count (TAMC)	0-100 (cfu/g)
Endotoxin Assay	0-1 (EU/mg)
Water by Karl Fischer	0-1 (%)
UV Absorbance (1 cm/0.1 M in H <sub>2</sub> O, 340nm)	0-0.02
Appearance (B113072)	White crystal powder
Cell Culture Test	pass
DNase, Exonuclease Detection	None Detected
Endonuclease Detection	None Detected
Infrared spectrum	Conforms to Structure
Insect cell culture test	pass
proteases	none detected
RNases	none detected
Solubility in H <sub>2</sub> O , Colorless to Very Faint Yellow, Clear,at 500 mg/ml	pass