

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-18 09:39:00

Date of Next Testing: 2030-06-17 09:39:00

Product Name: **BIS-TRIS**

CAS Number: 6976-37-0

Specifications & Purity: for cell culture, for insect cell culture, $\geq 98\%$ (HPLC)

Lot #: F2604053

SKU #: **V32188**

Version: **0**

Analysis #: **729204**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Melting point	102-106 (°C)	105.47000 °C
Heavy metal (as Pb)	0-5 (ppm)	1.00 ppm
Purity (Titration by H ₂ SO ₄) (anhydrous)	98-100 (%)	98.78 %
UV Absorbance (1 cm/0.1 M in H ₂ O, 280nm)	0-0.04	0.01
Total aerobic microbial count (TAMC)	0-100 (cfu/g)	1.02 cfu/g
Endotoxin Assay	0-1 (EU/mg)	0.09 EU/mg
Water by Karl Fischer	0-1 (%)	0.33 %
UV Absorbance (1 cm/0.1 M in H ₂ O, 340nm)	0-0.02	0.00
Cell Culture Test	pass	Pass
DNAse, Exonuclease Detection	None Detected	none detected
Endonuclease Detection	None Detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
proteases	none detected	none detected
RNases	none detected	none detected
Solubility in H ₂ O , Colorless to Very Faint Yellow, Clear, at 500 mg/ml	pass	Pass
Appearance(V32188)	White crystal powder	White crystal powder

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Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

