

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-20 15:26:32
Date of Next Testing: 2029-05-19 15:26:32
Product Name: **Tricine**
CAS Number: 5704-04-1
Specifications & Purity: for cell culture, ≥99.5%(T)
Lot #: H2113292
SKU #: **T118067**
Version: **1**
Analysis #: **511452**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.10000 %
Endonuclease Detection	0-0.1 (EU/g)	0.05000 EU/g
Purity (Titration by NaOH)	99.5-100 (%)	99.60000 %
standard plate count	0-100 (cfu/g)	50.00000 cfu/g
Heavy metal (as Pb)	0-5 (ppm)	2.50000 ppm
Appearance (T118067)	White Powder or Crystals	White Powder or Crystals
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
RNASE, DNASE, NICKASE AND PROTEASE	none detected	none detected
Solubility in H ₂ O , Colorless,Clear,2.5 g/10 mL	pass	Pass
UV Absorbance(at 290nm,20%w/w)	≤0.02	≤0.02



John Su
QA & QC Manager