

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Tricine,for cell culture, 99.5%(T)

ITEM NUMBER: T118067
 BRAND: Aladdin
 CAS NUMBER: 5704-04-1
 MDL NUMBER: MFCD00004277
 FORMULA: C6H13NO5
 MOLECULAR WEIGHT: 179.17

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Powder or Crystals		
Cell culture test	pass		
electrophoresis test	pass		
Endonuclease Detection	0 EU/g /	0.1 EU/g /	0.1 EU/g /
Heavy metals(As Lead)	0 ppm	5 ppm	5 ppm
Infrared spectrum	Conforms to Structure		
Proton NMR spectrum	Conforms to Structure		
purity by NaOH titration	99.5 %	100 %	100 %
RNASE, DNASE, NICKASE AND PROTEASE	none detected		
Solubility in H2O	Colorless,Clear,2.5 g/10 mL		
standard plate count	0 cfu/g /	100 cfu/g /	100 cfu/g /
uv absorbance	0.02 at 290nm (20%w/w)		
Water by Karl Fischer	0 %	0.2 %	0.2 %