

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **1,4-Piperazinediethanesulfonic acid(PIPES)**
Specifications & Purity: for cell culture, $\geq 99\%$
SKU #: **P105092**

Parameter	Limit Values
UV Absorbance 290nm(20% in 1N NaOH)	0-0.1
Endonuclease Detection	0-0.1 (EU/g)
Heavy metal (as Pb)	0-5 (ppm)
standard plate count	0-100 (cfu/g)
Purity (Titration by H ₂ SO ₄)	99-100 (%)
Appearance (P105092)	White Crystals, Powder or Crystalline Solid
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure
RNASE, DNASE, NICKASE AND PROTEASE	none detected
Solubility in 1N NaOH , Colorless,Clear,250mg/ml	pass