

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **1,4-Piperazinediethanesulfonic acid(PIPES)**
Specifications & Purity: **≥99.5%**
SKU #: **P105093**

Parameter	Limit Values
Molybdenum(Mo)	0-0.0005 (%)
Potassium(K)	0-0.005 (%)
Bismuth(Bi)	0-0.0005 (%)
Calcium(Ca)	0-0.005 (%)
Aluminum(Al)	0-0.005 (%)
Purity	99.5-100 (%)
Lithium(Li)	0-0.0005 (%)
Nickel(Ni)	0-0.0005 (%)
Ignition Residue(Ash)(SO ₄ , 900°C)	0-0.5 (%)
loss on drying, 110 °C	0-0.5 (%)
Iron(Fe)	0-0.0005 (%)
Magnesium(Mg)	0-0.0005 (%)
Chrome(Cr)	0-0.0005 (%)
Lead (Pb)	0-0.0005 (%)
Appearance (P105093)	White powder
Proton NMR spectrum	Conforms to Structure
Solubility in 1 M NaOH , Colorless,Clear,0.5 M	pass