

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **1,4-Piperazinediethanesulfonic acid disodium salt (PIPES 2Na)**
Specifications & Purity: **≥98%**
SKU #: **P113025**

| Parameter | Limit Values |
|---|--------------------------|
| Heavy metal (as Pb) | 0-5 (ppm) |
| Water by Karl Fischer | 0-8 (%) |
| Appearance (P113025) | white crystalline powder |
| Proton NMR spectrum | Conforms to Structure |
| Solubility,Colorless,Clear,25 g plus 50 ml H ₂ O | pass |
| Purity(Nonaqueous Titration)(As drybase) | 98-100 (%) |
| UV Absorbance 260 nm(0.1 M in water) | ≤0.05 |
| UV Absorbance 280 nm(0.1 M in water) | ≤0.05 |