

CERTIFICATE of ANALYSIS

PRODUCT:	PIPES, free acid [(Piperazine-N, N'-bis-(2-Ethanesulfonic Acid)] C₈H₁₈N₂O₆S₂, M.W. 302.4, CAS# [5625-37-6]
PRODUCT NUMBER:	P-2429
LOT NUMBER:	G1250
APPEARANCE:	White crystalline powder
SOLUBILITY (0.5M in 1.M NaOH):	Clear and complete
MOISTURE:	0.6%
pKa (25°C):	6.86
UV (0.5M in 1M NaOH):	
A260nm	0.04
A280nm	0.04
ASSAY (BY TITRATION):	99.9% (dried basis)
STORAGE & HANDLING:	Store desiccated at + 20°C (RT).

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: LA