

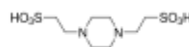
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
PIPES – BioXtra, ≥99% (titration)

Product Number: **P8203**
CAS Number: 5625-37-6
MDL: MFCD00006159
Formula: C₈H₁₈N₂O₆S₂
Formula Weight: 302.37 g/mol



TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
(0.5 M in 1 M NaOH at 20 deg C)	
Loss on Drying	≤ 0.5 %
(110 deg C)	
Residue on ignition (Ash)	≤ 0.5 %
(SO ₄ , 900 deg C)	
Insoluble Matter	Pass
passes filter test	
Chloride Content	≤ 0.2 %
Aluminum (AL)	≤ 0.005 %
Lead (Pb)	≤ 0.0005 %
Bismuth (Bi)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Molybdenum (Mo)	≤ 0.0005 %
Lithium (Li)	≤ 0.0005 %
Nickel (Ni)	≤ 0.0005 %
Potassium (K)	≤ 0.005 %
Calcium (Ca)	≤ 0.005 %
Magnesium (Mg)	≤ 0.0005 %
Chromium (Cr)	≤ 0.0005 %
Manganese (Mn)	≤ 0.0005 %

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

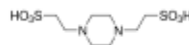
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TEST	Specification
Sodium (Na)	≤ 0.1 %
Zinc (Zn)	≤ 0.0005 %
Cadmium (Cd)	≤ 0.0005 %
Cobalt (Co)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Strontium (Sr)	≤ 0.0005 %
Barium (Ba)	≤ 0.0005 %
A280 UV Absorption (c = 0.5 M in 1M NaOH)	≤ 0.1
A260 UV Absorption (c = 0.5 M in 1M NaOH)	≤ 0.1
Titration with H ₂ SO ₄	≥ 99 %
Recommended Retest Period 3 years	-----

Specification: PRD.3.ZQ5.10000036188

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