

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)

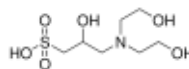
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
DIPSO - BioXtra, pH 4.0-5.5 (20 °C, 0.1 M in H<sub>2</sub>O), ≥98% (titration)

**Product Number:** D0306  
**CAS Number:** 68399-80-4  
**MDL:** MFCD00038353  
**Formula:** C<sub>7</sub>H<sub>17</sub>NO<sub>6</sub>S  
**Formula Weight:** 243.28 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
0.1 M	
Insoluble matter	≤ 0.1 %
pH	4.0 - 5.5
(C = 0.1 M at 20 deg C)	
Ammonia (NH <sub>3</sub> )	≤ 0.05 %
Residue on ignition (Ash)	≤ 0.1 %
Chloride	Pass
< or = 0.05%	
Sulfate	Pass
< or = 0.05%	
Aluminum (Al)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Phosphorus (P)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Calcium (Ca)	≤ 0.001 %
Sodium (Na)	≤ 0.01 %

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](http://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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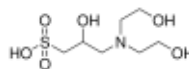
MFCD00038353

Formula:

C<sub>7</sub>H<sub>17</sub>NO<sub>6</sub>S

Formula Weight:

243.28 g/mol



TEST	Specification
Potassium (K)	≤ 0.005 %
UV Absorbance 260nm 0.1 M in H <sub>2</sub> O	≤ 0.025
UV Absorbance 280nm 0.1 M in H <sub>2</sub> O	≤ 0.025
Titration with NaOH	≥ 98 %

Specification: PRD.0.ZQ5.10000044164

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