

3050 Spruce Street, Saint Louis, MO 63103, USA

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

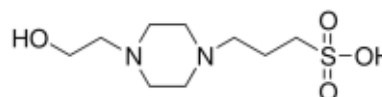
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

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

## Product Specification

Product Name:  
EPPS – BioPerformance Certified, cell culture tested, ≥99.5% (titration)

**Product Number:** E0276  
**CAS Number:** 16052-06-5  
**MDL:** MFCD00006160  
**Formula:** C<sub>9</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>S  
**Formula Weight:** 252.33 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
25 g plus 50 ml of H <sub>2</sub> O	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 0.1 %
A290 UV absorbance	≤ 0.1
(c = 33% w/w)	
Heavy Metals	< = 5 ppm
As Lead	
Endotoxin Level	≤ 0.1 EU/mg
Total Aerobic Microbial Count	≤ 100 CFU/g
Protease Detection	None Detected
By FITC-Casein	
RNAse Detection	None Detected
NICKase, Endonuclease Detection	None Detected
DNAse, Exonuclease Detection	None Detected
Cell Culture Test	Pass
Ammonia (NH <sub>3</sub> )	≤ 0.1 %
Titration with NaOH	≥ 99.5 %
Anhydrous basis	
Recommended Retest Period	-----
2 years	

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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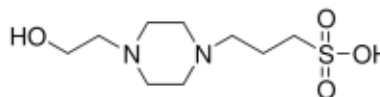
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**TEST****Specification**

Specification: PRD.2.ZQ5.10000037032

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