

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** BES  
**Catalog Number:** 100927  
**Lot:** M8285

**Formula:** C<sub>6</sub>H<sub>15</sub>NO<sub>5</sub>S  
**CAS #:** 10191-18-1  
**Physical Description:** White Crystalline Powder

**Formula Weight:** 213.25  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	151- 159°C	153 - 155°C
pH (1% aq soln)	3 - 5	4

Solubility: Clear

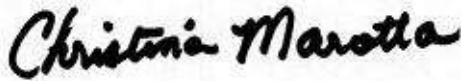
Assay (titration, dry basis): 100.3%

pKa: 7.1

Moisture (LOD): 0.2%

A260nm: 0.0903

A280nm: 0.0711



12/06/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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