

# Certificate of Analysis

**Product Name:** BES  
**Cat #:** B-780  
**CAS #:** 10191-18-1  
**Lot #:** Lot Specific  
**Retest Date<sup>†</sup>:** Lot Specific  
**Storage:** Store at room temperature

Test	Specs	Results
Appearance	White crystalline powder	White crystalline powder
Solubility (1 mol/L in H <sub>2</sub> O)	Clear	Complies
Assay (titration, on Dried Basis)	≥99.0%	Complies
pH (1.0% in water, 25°C)	2.5-5.0	Complies
Heavy Metals (as Pb)	≤5 ppm	Complies
Loss on Drying (103°C, 3 hours)	≤1.0%	Complies
UV Absorbance (260 nm, 1 mol/L, 1 cm)	≤0.095	Complies
UV Absorbance (280 nm, 1 mol/L, 1 cm)	≤0.080	Complies

\* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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