

## Certificate of Analysis

Date of Testing: 2022-09-26 18:05:10  
Date of Next Testing: 2026-09-25 18:05:10  
Product Name: **BES**  
CAS Number: 10191-18-1  
Specifications & Purity:  $\geq 99\%$ (T)  
Lot #: I2220002  
SKU #: **B105115**  
**Analysis:** **140161**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.62 %
UV Absorbance 290nm(33%,H2O)	0-0.05	0.02
UV Absorbance(1mol/L,H2O,260nm)	0-0.15	0.02
Purity(Neutralization titration)	99-101 (%)	99.79%
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Appearance (B105115)	White to Almost white powder to crystal	White to Almost white powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless,Clear,25 g plus 50 ml H2O	pass	Pass



John Su  
QA & QC Manager