

## Certificate of Analysis

Date of Testing: 2024-05-21 16:23:59  
Date of Next Testing: 2028-05-20 16:23:59  
Product Name: **BES**  
CAS Number: 10191-18-1  
Specifications & Purity:  $\geq 99\%$ (T)  
Lot #: E2420539  
SKU #: **B105115**  
Version: **1**  
Analysis #: **360610**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.02 %
UV Absorbance(1mol/L,H <sub>2</sub> O,260nm)	0-0.15	0.04
Purity(Neutralization titration)	99-101 (%)	99.52 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
UV Absorbance(1mol/L,H <sub>2</sub> O,280nm)	0-0.08	0.03300
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 H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager