

Certificate of Analysis

Date of Testing: 2022-07-14 16:54:54

Date of Next Testing: 2026-07-13 16:54:54

Product Name: **BES**

CAS Number: 10191-18-1

Specifications & Purity: $\geq 99\%$ (T)

Lot #: G2213532

SKU #: **B105115****Analysis:** **113120**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.24 %
UV Absorbance 290nm(33%,H2O)	0-0.05	0.05
UV Absorbance(1mol/L,H2O,260nm)	0-0.15	0.14
Purity(Neutralization titration)	99-101 (%)	99.61 %
Heavy metal (as Pb)	0-5 (ppm)	3.27 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