

Certificate of Analysis

Date of Testing: 2024-11-30 11:16:44

Date of Next Testing: 2028-11-29 11:16:44

Product Name: **BES**

CAS Number: 10191-18-1

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

Lot #: K2422287

SKU #: **B105115**

Version: **1**

Analysis #: **442047**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.50 %
UV Absorbance(1mol/L,H ₂ O,260nm)	0-0.15	0.01
Purity(Neutralization titration)	99-101 (%)	99.94 %
Heavy metal (as Pb)	0-5 (ppm)	4.00 ppm
UV Absorbance(1mol/L,H ₂ O,280nm)	0-0.08	0.02700
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 ₂ O	pass	Pass



John Su
QA & QC Manager