

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **BES**
 Specifications & Purity: **≥99.5%(T)**
 SKU #: **B105116**

Parameter	Limit Values
Potassium(K)	0-50 (ppm)
Iron(Fe)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Ignition Residue(900°C)	0-0.05 (%)
useful PH range	6.4-7.8
Sodium(Na)	0-50 (ppm)
Barium(Ba)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
PH(25 °C, 1 M in Water)	2.5-5
Cobalt (Co)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Chloride (Cl-)	0-50 (ppm)
Cadmium(Cd)	0-5 (ppm)
UV Absorbance 280nm	0-0.08
Copper(Cu)	0-5 (ppm)
Assay	99.5-100 (%)
Chrome(Cr)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Sulfate(SO42-)	0-100 (ppm)
(As)Arsenic	0-0.1 (ppm)
Magnesium (Mg)	0-5 (ppm)
Lithium(Li)	0-5 (ppm)
UV Absorbance 260nm	0-0.095
Aluminum(Al)	0-5 (ppm)
(Pb)Lead	0-5 (ppm)
Appearance (B105116)	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure
Solubility in H2O , soluble , 1M , 20°C, clear, colorless	pass
λ,1 M in H2O	Pass