

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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

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Tax ID: 91310000685518645K

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Parameter

Solubility in H₂O , soluble , 1M , 20°C, clear, colorless
λ, 1 M in H₂O

Limit Values

pass
Pass

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