

Specification Sheet

Product Name: **Ammonium sulfate**
Specifications & Purity: for molecular biology, $\geq 99.0\%$
SKU #: **A112103**

Parameter	Limit Values
UV Absorbance 280nm (1 M solution)	0-0.025
Iron(Fe)	0-5 (ppm)
Purity(Neutralization titration)	99-101 (%)
Chloride (Cl-)	0-5 (ppm)
UV Absorbance 260nm(1 M solution)	0-0.03
Insoluble matter in H ₂ O	0-0.005 (%)
Copper(Cu)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Heavy metal (as Pb)	0-2 (ppm)
Appearance (A112103)	White Powder, Crystals and/or Chunks
DNase, RNase and Protease	None Detected
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , CLEAR ,2G/3ML WATER	pass
X-Ray Diffraction	Conforms to Structure