

Specification Sheet

Product Name: **Adenosine**
Specifications & Purity: Ultra pure , 99.5%
SKU # **A108808**

Parameter	Limit Values
Heavy metal (as Pb)	0-10 (ppm)
Purity(HPLC)	99.5-100 (%)
Melting point	233-238 (°C)
Ratio of Absorbances(E280/E260)	0.19-0.24
Nitrogen by Elemental Analysis	25.69-26.73 (%)
Ratio of Absorbances(E250/E260)	0.81-0.87
Lambda max.(0.1mol/L HCl)	256-261 (nm)
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 5\% \text{NaOH})$	-72--69 (°)
Sulfate Ash	0-0.1 (%)
Loss on drying	0-0.5 (%)
Appearance (A108808)	White Powder or Crystals
Solubility in 1 M NH ₄ OH , Colorless,Clear,50 mg/ml	pass