

Specification Sheet

Product Name: **Spermidine trihydrochloride**
Specifications & Purity: **BioReagent, ≥99.5%(AT)**
SKU #: **S755657**

Parameter	Limit Values
Appearance(S755657)	Colorless or White Powder or Crystals or Flakes
Purity (Argentmetric Titration)	99-101 (%)
Proton NMR spectrum	Conforms to Structure
Infrared spectrum	Conforms to Structure
Aluminium(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Chromium(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Lithium(Li)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Sodium(Na)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-10 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Arsenic traces(MHS-AAS)	0-0.1 (ppm)
Total sulfur as SO ₄ (ICP)	0-50 (ppm)
Solubility(7.64g in 30ml H ₂ O(1 M)),Clear Colorless	Pass
PH(1 M in water)	3.0-6.0
Residue (filter test)	no residue
UV Absorbance 260nm(1 M in H ₂ O)	0-0.2
UV Absorbance 280nm(1 M in H ₂ O)	0-0.1