

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Imidazole**
Specifications & Purity: **99.5% , for buffer**
SKU #: **I108704**

Parameter	Limit Values
PH(25 °C, 50 mg/mL in Water)	9.5-11
Cobalt (Co)	0-5 (ppm)
UV Absorbance 260nm	0-0.01
Ignition Residue (as sulfate)	0-0.1 (%)
(Pb)Lead	0-5 (ppm)
Manganese(Mn)	0-5
Magnesium (Mg)	0-5 (ppm)
Melting point	86-92 (°C)
Copper(Cu)	0-5 (ppm)
Sulfate(SO42-)	0-50 (ppm)
Chrome(Cr)	0-5 (ppm)
Cadmium(Cd)	0-5 (ppm)
Sodium(Na)	0-50 (ppm)
Chloride (Cl-)	0-50 (ppm)
Calcium(Ca)	0-10 (ppm)
Purity(GC)	99.5-100 (%)
UV Absorbance 280nm	0-0.01
Zinc(Zn)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Appearance (I108704)	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure
pKa	6.8
λ ,0.1 M in H2O	Pass