

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name:	<b>Imidazole</b>
Specifications & Purity:	99.5%,for molecular biology
SKU #	<b>I108706</b>

Parameter	Limit Values
Cobalt (Co)	0-5 (ppm)
(Pb)Lead	0-5 (ppm)
Manganese(Mn)	0-5
Magnesium (Mg)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Melting point	86-92 (°C)
(As)Arsenic	0-0.1 (ppm)
UV Absorbance 260nm	0-0.1
UV Absorbance 280nm	0-0.1
Aluminum(Al)	0-10 (ppm)
Strontium(Sr)	0-5 (ppm)
Calcium(Ca)	0-50 (ppm)
Ignition Residue (as sulfate)	0-0.05 (%)
pH	9.5-11
Sodium(Na)	0-50 (ppm)
Chloride (Cl-)	0-50 (ppm)
Purity(GC)	99.5-100 (%)
Lithium(Li)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Sulfate(SO42-)	0-50 (ppm)
Chrome(Cr)	0-5 (ppm)
Water by Karl Fischer	0-0.2 (%)
Cadmium(Cd)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Appearance (I108706)	White Powder or Crystals
DNases	none detected
Fluorescence,λex 200-600 nm; λem 300-800 nm (corresponds)	Conforms

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**Parameter**

Infrared spectrum

Insoluble matter

phosphatases

pKa

proteases

RNases

$\lambda$ , 0.1 M in H<sub>2</sub>O

**Limit Values**

Conforms to Structure

pass

none detected

6.8

none detected

none detected

Pass