

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **CAPS**
 Specifications & Purity: **Ultra pure, ≥99.0% (HPLC)**
 SKU #: **C105210**

Parameter	Limit Values
Calcium(Ca)	0-10 (ppm)
Manganese(Mn)	0-5 (ppm)
Chloride (Cl ⁻)	0-50 (ppm)
Aluminum(Al)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Cadmium(Cd)	0-5 (ppm)
Lithium(Li)	0-5 (ppm)
UV Absorbance 260nm	0-0.04
Copper(Cu)	0-5 (%)
(Pb)Lead	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Chrome(Cr)	0-5 (ppm)
Purity(HPLC)	98-100 (%)
UV Absorbance 280nm	0-0.04
Cobalt (Co)	0-5 (ppm)
(As)Arsenic	0-0.1 (ppm)
Barium(Ba)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Sulfate(SO ₄ ²⁻)	0-150 (ppm)
loss on drying, 110 °C	0-1 (%)
Iron(Fe)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
PH(25 °C, 0.5 M in Water)	3.5-6
Ignition Residue	0-0.05 (%)
Potassium(K)	0-50 (ppm)
Sodium(Na)	0-50 (ppm)
Zinc(Zn)	0-5 (ppm)
Appearance (C105210)	white crystalline powder
Infrared spectrum	Conforms to Structure
pKa	6.8
Solubility in H ₂ O , soluble , 1M , 20°C, clear, colorless	pass



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Parameter

λ , 0.05 M in H₂O

Limit Values

Pass