

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **CHES**
 Specifications & Purity: **≥99.5%(T)**
 SKU #: **C110897**

Parameter	Limit Values
Manganese(Mn)	0-5 (ppm)
PH(25 °C, 0.5 M in Water)	3-5
(As)Arsenic	0-0.1 (ppm)
Barium(Ba)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Lithium(Li)	0-5 (ppm)
UV Absorbance 280nm	0-0.05
Cobalt (Co)	0-5 (ppm)
Aluminum(Al)	0-5 (ppm)
UV Absorbance 260nm	0-0.08
Strontium(Sr)	0-5 (ppm)
Purity (Titration by NaOH)(anhydrous)	99.5-100.5 (%)
useful PH range	8.6-10
Molybdenum(Mo)	0-5 (ppm)
Ignition Residue	0-0.05 (%)
loss on drying, 110 °C	0-0.5 (%)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Nickel(Ni)	0-5 (ppm)
Heavy metal (as Pb)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Iron(Fe)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Cadmium(Cd)	0-5 (ppm)
Sodium(Na)	0-50 (ppm)
Sulfate(SO42-)	0-500 (ppm)
Chloride (Cl-)	0-50 (ppm)
Chrome(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Appearance (C110897)	white crystalline powder
Infrared spectrum	Conforms to Structure
Insoluble matter	pass

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Parameter

pKa

Solubility in H₂O , soluble , 1M , 20°C, clear, colorless

λ,0.5 M in H₂O

Limit Values

6.8

pass

Pass