

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

## 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

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**Parameter**

Infrared spectrum

Insoluble matter

pKa

Solubility in H<sub>2</sub>O , soluble , 1M , 20°C, clear, colorlessλ,0.5 M in H<sub>2</sub>O**Limit Values**

Conforms to Structure

pass

6.8

pass

Pass

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