



## Iranian National Standards Organization

**Collaborative Laboratory** 

مدرك تحست كنتسرل

14-1/-9/TV

Quality Assurance



## Calcium Hypochlorite Used in Water Treatment for Human Consumption



Row	Physical and Chemical Properties	Compliant Range	CCPC Product Range	Standard Reference
1	Active Chlorine _ % W/W	Min 65	Min 65	INSO 7098
2	Solubility as Active Chlorine_% W/W	Min 45.5	Min 50	INSO 7098
3	Insoluble in Water _% W/W	Max 6	Max 6	INSO 7098
4	Amount of Water _ % W/W	Max 16	2-8	INSO 7098
5	Residue on 425 Micrometer Sieve _% W/W	Min 75	Min 75	INSO 7098
6	Residue on 2 mm Sieve_ % W/W	Max 20	Max 20	<b>INSO</b> 7098
7	Cadmium as Cd_mg/Kg of Active Chlorine	Max 5	Nil	<b>INSO</b> 7098
8	Lead as Pb _ mg/Kg of Active Chlorine	Max 15	Max 8	INSO 7098
9	Nickel as Ni mg/Kg of Active Chlorine	Max 8	Max 8	INSO 7098
10	Chromium as Cr_ mg/Kg of Active Chlorine	Max 15	Max 12	<b>INSO</b> 7098
11	Arsenic as As _ mg/Kg of Active Chlorine	Max 5	Max 2	<b>INSO</b> 7098
12	Mercury as Hg _ mg/Kg of Active Chlorine	Max 5	Max 2.5	INSO 7098
13	Antimony as Sb _ mg/Kg of Active Chlorine	Max 15	Max 7	INSO 7098
14	Selenium as Se _ mg/Kg of Active Chlorine	Max 20	Max 10	INSO 7098
15	Appearance	White Granulated	ОК	INSO 7098

The reference standards of this laboratory are in accordance with the national standards of Iran Institute of Standard and Industrial Research and would be traceable. The product specifications of Chloran Chemical Production Co. have been presented according to the periodic review of the results of the performed analyzes.

**Lab Quality Manager Contacts:** 

info@ccpc.ir

Phone: +98 23 33 65 2203 (Ext: 1351)

@ @ccpciran

Mobile: +98 912 532 5850

ISO 10002 ISO 10015

ISO 14001

ISO 9001

**CSQ** 

ISO 45001

ISO 10004



http://www.ccpc.ir