

Technical Data Sheet

Calcium hypochlorite (CA(CLO)2)
WATER DISINFECTION

This chemical is a white and dry granular with a purity of %65-%70. Calcium hypochlorite granules dissolve in water easily and are mainly used in water treatment for disinfection and removal of bacteria, algae and micro-organisms.

Physical specifications: White color solid granule, strong odor of chlorine. Soluble in water and alcohol with a strong reaction characteristic

Application:

- ✓ Water and wastewater treatment
- ✓ Swimming pool disinfection

Properties	Value	Test result	Test Method
Active chlorine_ % W/W	Min 65	Min 65	ISIRI 7098
Solubility as Active Chlorine_ % W/W	Min 45.5	Min 50	ISIRI 7098
Insoluble in water_ % W/W	Max 6	Max 6	ISIRI 7098
Amount of water_ % W/W	Max 16	2-8	ISIRI 7098
Residue on 425 µm sieve_ % W/W	Min 75	Min 75	ISIRI 7098
Residue on 2 mm sieve_ % W/W	Max 20	Max 20	ISIRI 7098
Cd	Max 5	Nil	ISIRI 7098
Pb	Max 15	Max 8	ISIRI 7098
Ni	Max 8	Max 8	ISIRI 7098
Cr	Max 15	Max 12	ISIRI 7098
As	Max 5	Max 2	ISIRI 7098
Hg	Max 5	Max 2.5	ISIRI 7098
Sb	Max 15	Max 7	ISIRI 7098
Se	Max 20	Max 10	ISIRI 7098
Appearance	White granules	OK	ISIRI 7098