



Iranian National Standards Organization Collaborative Laboratory





Sodium Hydroxide (Flake) Solid

Row	Physical and Chemical Properties	ISIRI Compliant Range	CCPC Product Range	Standard Reference
1	Purity of Sodium Hydroxide (NaOH) _ % W/W	Min 98	Min 98	ISIRI 364
2	Carbonate as Na ₂ CO ₃ _ % W/W	Max 1	Max 0.5	ISIRI 364
3	Chloride as NaCl_% W/W	Max 0.06	Max 0.02	ISIRI 364
4	Sulfate as Na ₂ SO ₄ _ % W/W	Max 0.01	Max 0.005	ISIRI 364
5	Silicate as SiO ₂ _% W/W	Max 0.02	Max 0.005	ISIRI 364
6	Iron as Fe_mg/Kg	Max 30	Max 15	ISIRI 364
7	Insoluble in Water _ % W/W	Max 0.1	0	ISIRI 364
8	Aluminum as Al ₂ O ₃ _ mg/Kg	Max 20	Max 20	ISIRI 364
9	Heavy Metals as Pb_mg/Kg	Max 20	Max 20	ISIRI 364
10	Mercury as Hg _ mg/Kg	Max 0.2	Max 0.15	ISIRI 364
11	Arsenic as As_mg/Kg	Max 2	Max 0.5	ISIRI 364
12	Appearance	White Color, Free of Visible Impurities	OK	ISIRI 364

ISO 14001





ISO 45001











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.

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