

Production unit name: Chloran Chemical Production Company	Sample name: Sodium hydroxide flake	Sample commercial name: Industrial sodium hydroxide	Sampling date: 2021/10/14
Place of sampling: FK-1714-1715	Sample condition: Solid, White flakes		Test date: 2021/10/14
Sample code: 81903	Test resource: ISIRI 364		Type of standard: National

ITEM	Test name	Unit	Importance degree	Accepting Limit	Test result	Test method	Remarks
1	Purity of sodium hydroxide as NaOH	%W/W	Important	Min 98	98.41	ISIRI- 364 clause1-7 /ISIRI 6135	
2	Carbonate as Na <sub>2</sub> CO <sub>3</sub>	%W/W	Important	Max 1	0.28	ISIRI- 364 clause2-7 /ISIRI 6135	
3	Chloride as NaCl	%W/W	Important	Max 0.06	0.007	ISIRI- 364 clause3-7 /ISIRI 2535	
4	Sulfate as Na <sub>2</sub> SO <sub>4</sub>	%W/W	Important	Max 0.01	0.003	ISIRI- 364 clause4-7 /ISIRI 2539	
5	Silicate as SiO <sub>2</sub>	%W/W	Important	Max 0.02	0.001	ISIRI- 364 clause5-7 /ISIRI 2531	
6	Fe	ppm	Important	Max 30	11.63	ISIRI- 364 clause6-7 /ISIRI 2537	
7	Insoluble in water	%W/W	Important	Max 0.1	0	ISIRI- 364 clause7-7 /ISIRI 7904	
8	Aluminum as Al <sub>2</sub> O <sub>3</sub>	ppm	Important	Max 20	<20	ISIRI- 364 clause8-7 /ISIRI 7903	

Explanation & Interpretation:

Batch No: 20/08/2021 - 21/08/2021 - 13/10/2021 - 14/10/2021