



**Chloran Chemical Production Company**  
standard & industrial reaserch  
organization laboratory associate



**Test report**

No: R9601/127

Data: 2017/04/12

<b>Customer name:</b>	<b>Customer's address:</b>	<b>Sample receiving date:</b> 2017/04/10
<b>Sample name:</b>	<b>Sample commercial name:</b> Industrial sodium hydroxide flake	<b>Test resource:</b> ISIRI 364
<b>Sample code:</b>	<b>Type of standard:</b>	<b>Test date:</b> 2017/04/12
<b>Production unit name:</b> Chloran Chemical Production Company	<b>Sample condition:</b> solid, flake, Colorless,	<b>Sampling date:</b> 2017/04/10
		<b>Place of sampling:</b> FK-1714

ROW	Test name	Unit	Degree importance	Accepting Limit	Test result	Test method	Considerations
1	Purity of Sodium Hydroxide (NaOH)	%W	Important	Min 98	99.3	ISIRI- 364 clause1-7 /ISIRI 6135	
2	Carbonate as Na <sub>2</sub> CO <sub>3</sub>	%W	Important	Max 1	0.5	ISIRI- 364 clause2-7 /ISIRI 6135	
3	Chloride as NaCl	%W	Important	Max 0.06	0.01	ISIRI- 364 clause3-7 /ISIRI 2535	
4	Sulfate as Na <sub>2</sub> SO <sub>4</sub>	%W	Important	Max 0.01	0.006	ISIRI- 364 clause4-7 /ISIRI 2539	
5	Silicate as SiO <sub>2</sub>	%W	Important	Max 0.02	0.005	ISIRI- 364 clause5-7 /ISIRI 2531	
6	Fe	mg/Kg	Important	Max 30	13	ISIRI- 364 clause6-7 /ISIRI 2537	
7	Insoluble in water	%W	Important	Max 0.1	0	ISIRI- 364 clause7-7 /ISIRI 7904	
8	Aluminum as Al <sub>2</sub> O <sub>3</sub>	mg/Kg	Important	Max 20	<20	ISIRI- 364 clause8-7 /ISIRI 7903	
9	Heavy metals as Pb	mg/Kg	Important	Max 20	<20	ISIRI- 364 clause9-7 /ISIRI 7905	

**Explanation & Interpretation:**

This sample is compatible  is not compatible  with all the articles of standard No: ISIRI364.....

Lab tech. Mgr. Name & Signature:	Lab QC Mgr. Name & Signature:	Confirmed by: Name & Signature:	Lab.hologram
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**A copy of this paper is not valid without written confirmation**

The reference standards of this laboratory are traceable with the national reference standards at Iran Institute of Standard and Industrial Research.

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