

# Test Report

Date: 2019/06/02

00119

No: R9803/211

Customer name:	Customer address:	Sample receiving date: 2019/05/31
Sample name:	Sample commercial name: Industrial sodium hydroxide flake	Test resource: ISIRI 364
Sample code: 52872	Type of standard: National	Test date: 2019/05/31-2019/06/01
Production unit name: Chloran Chemical Production Company	Sample condition: solid, white flakes	Sampling date: 2019/05/31
		Place of sampling: FK-1714-1715

ITEM	Test name	Unit	Importance degree	Accepting Limit	Test result	Test method	Remarks
1	Purity of Sodium Hydroxide (NaOH)	%W	Important	Min 98	98.41	ISIRI- 364 clause1-7 /ISIRI 6135	
2	Carbonate as Na <sub>2</sub> CO <sub>3</sub>	%W	Important	Max 1	0.29	ISIRI- 364 clause2-7 /ISIRI 6135	
3	Chloride as NaCl	%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	Important	Max 0.01	0.002	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	14.59	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	

Explanation & Interpretation:

**Batch No: 20181026-20181027-20181028-20181029**

**Truck: 60A523**

This sample is compatible  is not compatible  with all the articles of standard No: ISIRI 364

Lab Tech Mgr. Name & Signature:	Lab QC Mgr. Name & Signature:	Confirmed by: Name & Signature:	Lab hologram
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Form No: F-LA ۱۰-۰۲

**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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