


Appendix 2:

XRF analysis of the Pt/HAIMSN catalysts:

Samples 1, 2, 3 and 4 are Pt/HAIMSN with Si/Al of 7, 10, 20 and 50, respectively.

				
Ministry of Industries and Mines		GEOLOGICAL SURVEY OF IRAN		
		Date: _____ No: _____ Ref: _____		
Mineralogy Department XRF Lab				
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Semi Quantitative Analysis				
LAB. NO:	2112	2113	2114	2115
Field NO:	1	2	3	4
Formula	Conc. %	Conc. %	Conc. %	Conc. %
Na <sub>2</sub> O	1.02	0.84	0.63	0.65
Al <sub>2</sub> O <sub>3</sub>	26.55	13.47	8.85	4.43
SiO <sub>2</sub>	72.30	85.58	90.40	94.82
Pt	0.11	0.10	0.11	0.09

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