



Element	k-ratio (calc.)	ZAF	Atom % Wt %	Element (1-Sigma)	Wt %	Err.	No. of Cations
O -K	0.1531	1.802	56.61		27.59	+/- 0.77	---
K -K	0.0416	1.052	3.67		4.38	+/- 0.15	1.558
Fe -K	0.5988	1.082	38.10		64.81	+/- 0.97	16.152
Zn-K	0.0275	1.173	1.62		3.23	+/- 0.95	0.687
Total			100.00		100.00		18.397

The number of cation results are based upon 24 Oxygen atoms

S2 Fig. Elements distribution on catalyst C-1 observed by EDS.