

Table 8 Acid effect Studies of NBS, NCS

Acid conc.	K'	
[HClO ₄]	NCS-k'	NBS-k'
[0.05]	0.0058	0.0052
[0.1]	0.0059	0.0054
[0.25]	0.0066	0.006
[0.5]	0.0073	0.0066
Equation	$0.0034x+0.00561$	$0.0031x+0.0051$
R ²	0.9863	0.9823