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Poster 2

## NMR Studies on the Interaction of the Vanadate(V) with Aminopolycarboxylates

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The structural and kinetic properties of the vanadium(V) complexes with aminopolycarboxylate have been studied by use of  $^{13}\text{C}$  &  $^{51}\text{V}$  NMR spectroscopy. Bz-IDA complex show two  $^{51}\text{V}$  NMR signals(-504,-520ppm). Hydroxy Et-IDA complex show two signals(-506,-520ppm), respectively. Whereas IDA & Me-IDA complex show each one signal at -512, and -513ppm, respectively. The kinetic studies have been investigated by varying ligand & vanadium concentration. Unfortunately, IDA & Me-IDA cannot be studied because of decavanadate overlapping behavior.