

Synthesis, Crystal Structures and Catalytic Property of Oxidovanadium(V) Complexes with *N'*-(4-Oxopentan-2-ylidene)nicotinohydrazide and 4-Bromo-*N'*-(4-oxopentan-2-ylidene)benzohydrazide

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Supplementary material for the paper

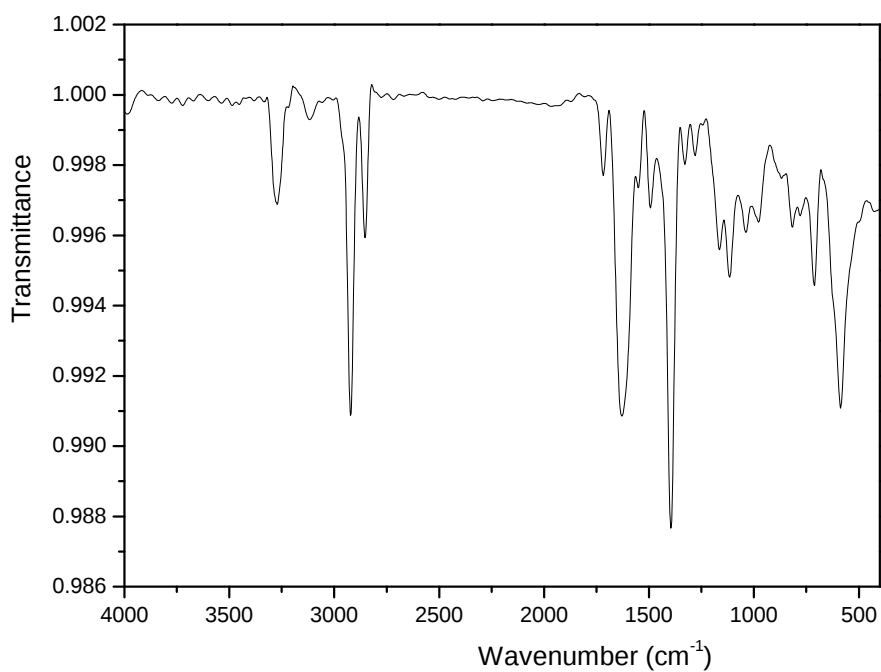
1. Elemental analysis results for complexes 1 and 2

Name:	QW Yang			
Summarize Results				
Date :	03.11.2019	10:32:35		
Method Name :	CHNS Service			
Method Filename :	13.6.19.mth			
Group No : 1	Element %			
Sample Name	Nitrogen	Carbon	Hydrogen	Sulphur
qw1	15.52	43.67	4.28	0.00
qw1	15.60	43.83	4.35	0.00
2 Sample(s) in Group No : 1				
Component Name	Average	Std. Dev.		
Nitrogen	15.56	0.12		
Carbon	43.75	0.33		
Hydrogen	4.31	0.07		
Sulphur	0.00	0.00		
Group No : 2	Element %			
Sample Name	Nitrogen	Carbon	Hydrogen	Sulphur
qw2	9.68	38.31	3.50	0.00

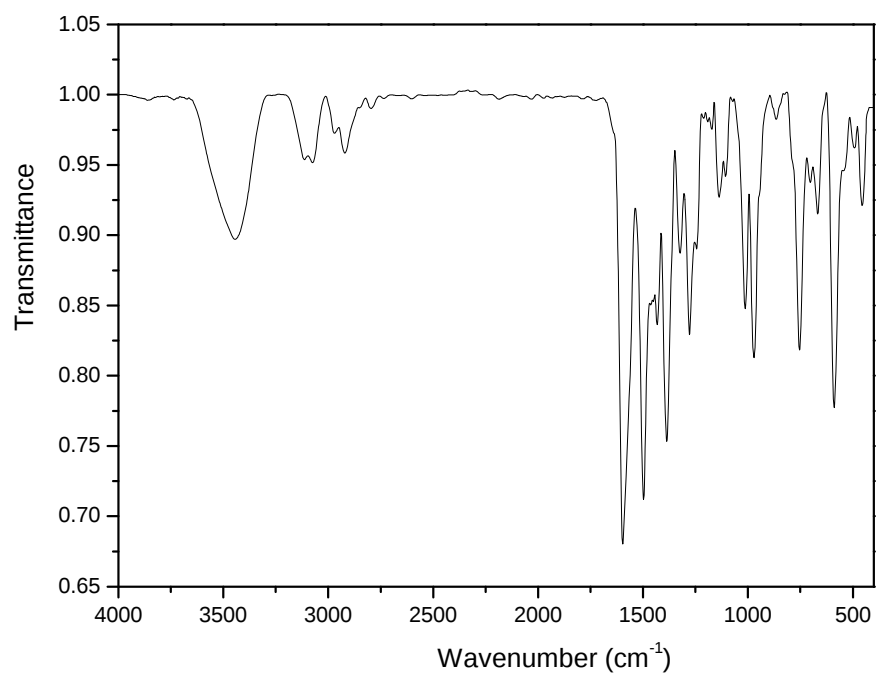
qw2	9.75	38.44	3.55	0.00
2 Sample(s) in Group No : 2				
Component Name	Average	Std. Dev.		
Nitrogen	9.72	0.34		
Carbon	38.37	0.31		
Hydrogen	3.53	0.06		
Sulphur	0.00	0.00		

2. IR spectra of the complexes

Complex 1

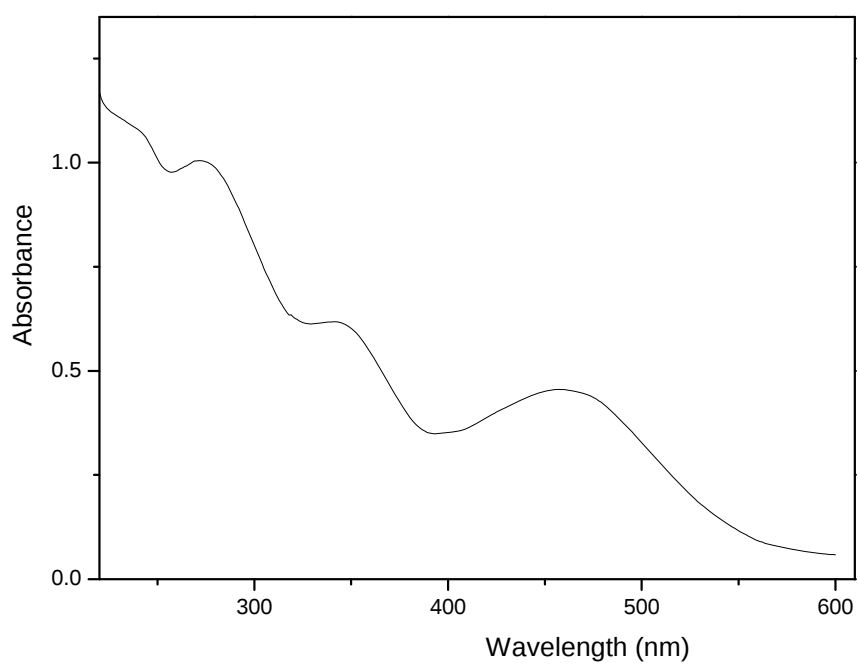


Complex 2



3. UV-Vis spectra of the complexes

Complex 1



Complex 2

