

EXAFS spectroscopy as a tool to probe metal-support
interaction and surface molecular structure in oxide-supported
systems: application to Al₂O₃-supported Ni(II) complexes and
ZrO₂-supported tungstates

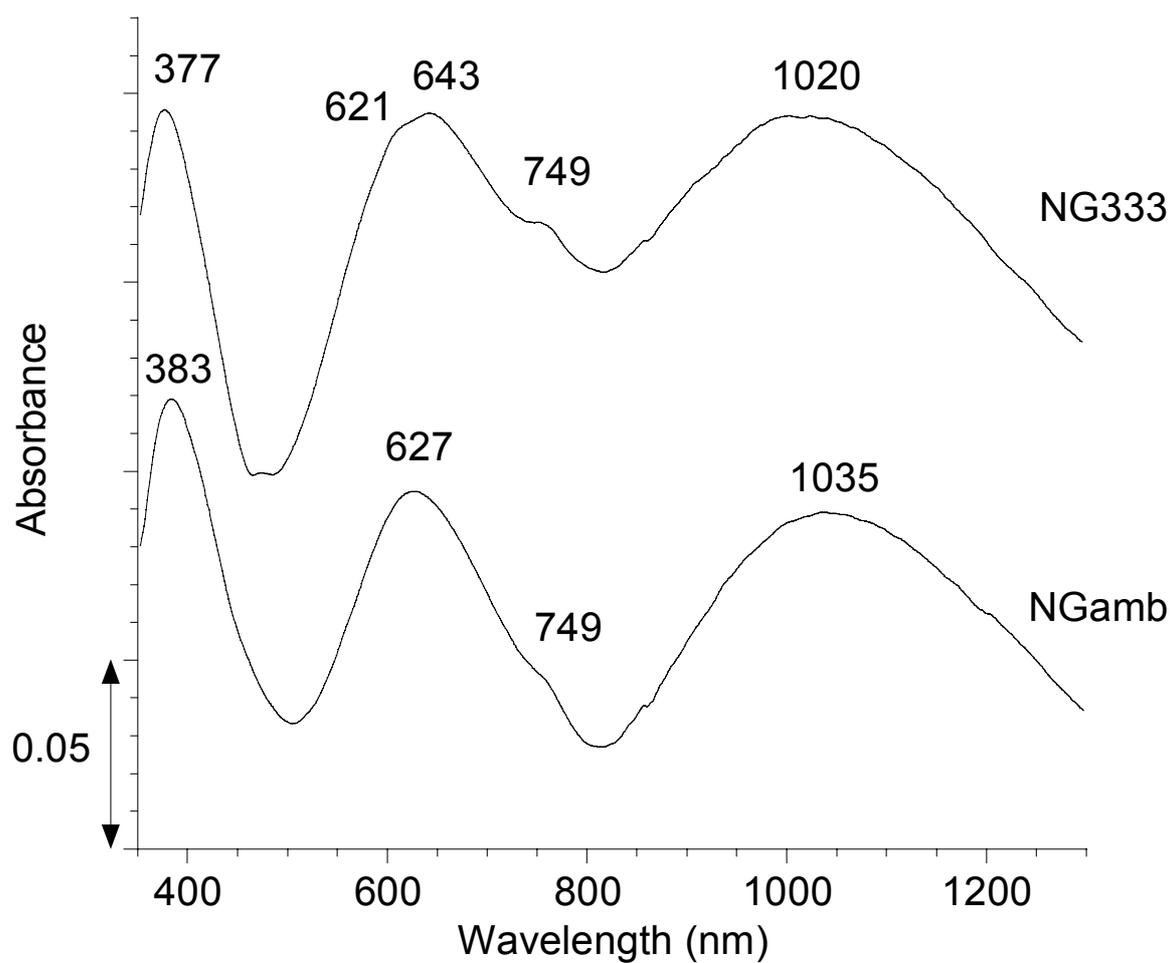
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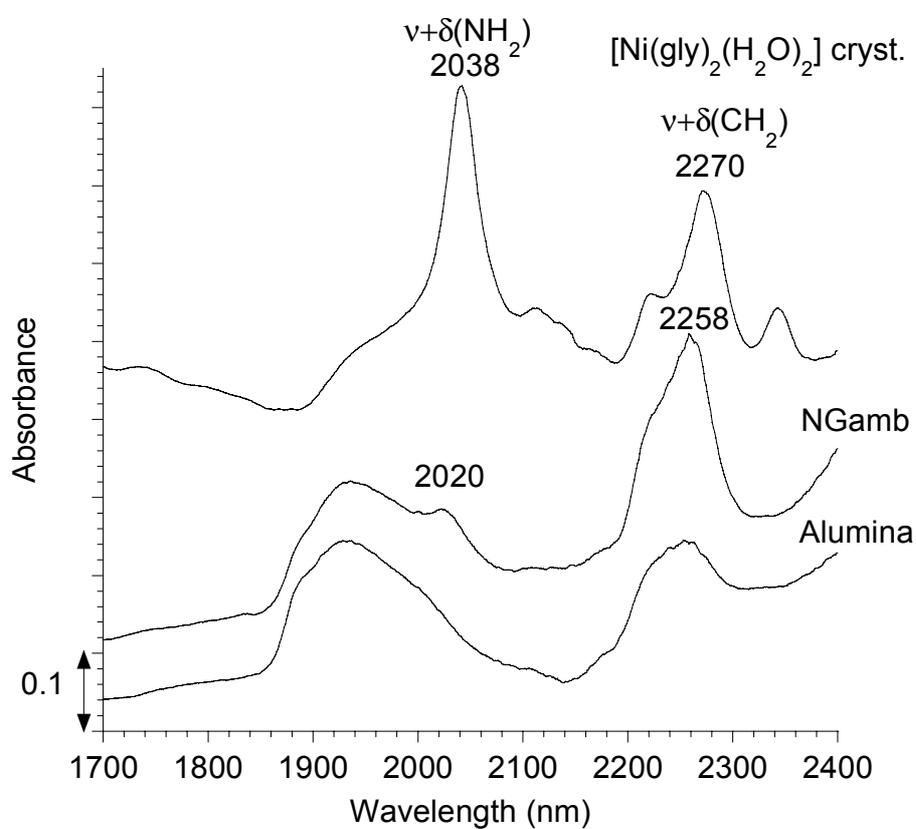
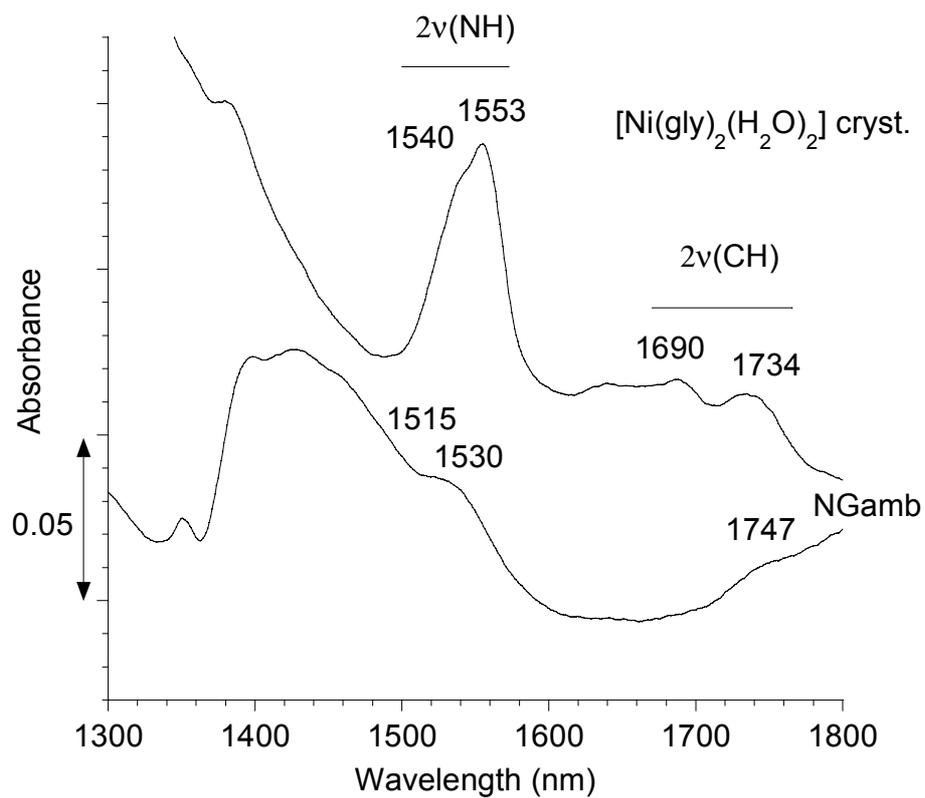
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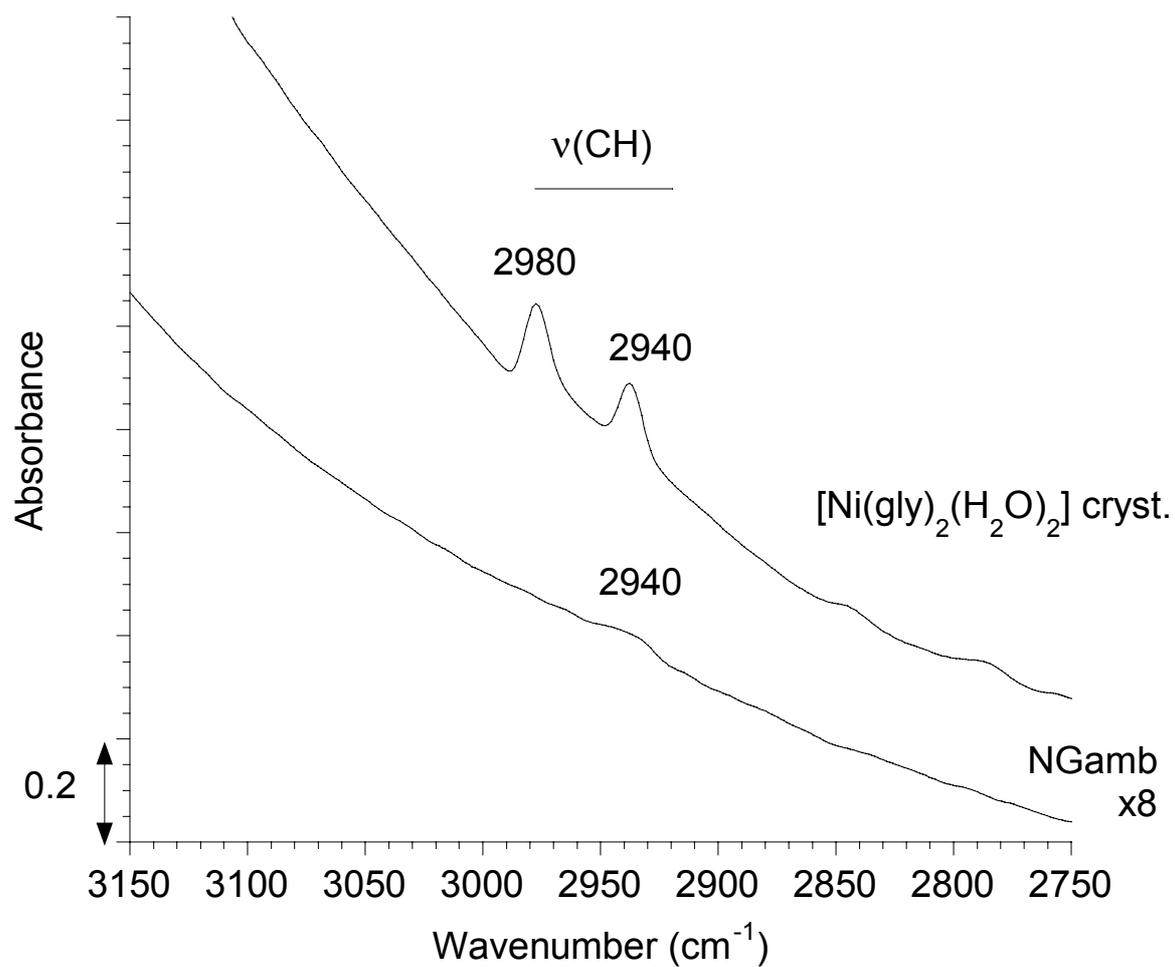
A. Al_2O_3 -supported Ni(II) bisglycinate: UV-Vis, NIR and IR spectra (comments can be found in the text of the article).



UV-Visible spectra: comparison between NGamb and NG33.

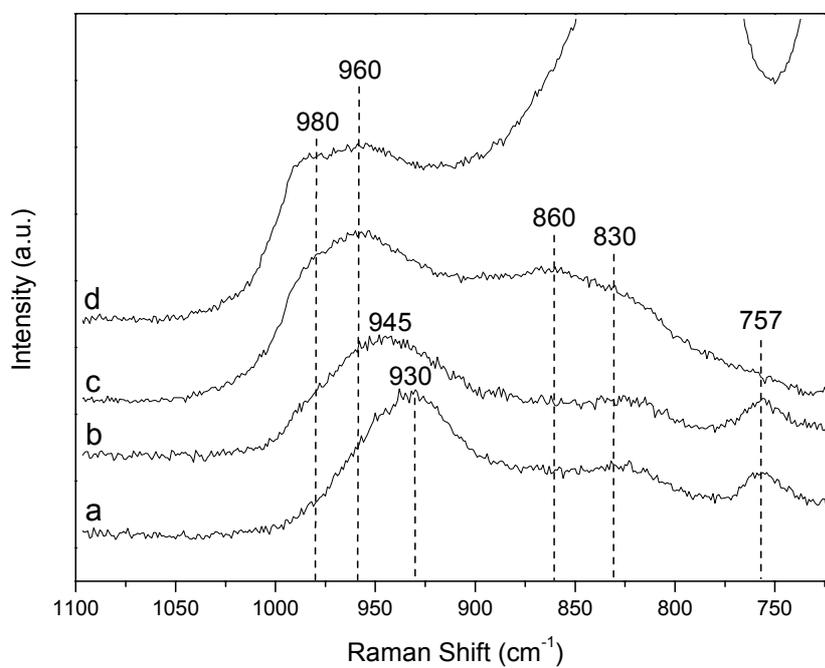


Near infrared spectra: comparison between NGamb and crystallized $[\text{Ni}(\text{gly})_2(\text{H}_2\text{O})_2]$.



Infrared spectra: comparison between NGamb and crystallized $[\text{Ni}(\text{gly})_2(\text{H}_2\text{O})_2]$.

B. Tungstated Zirconia.



Raman spectra in the WO_x region normalized on the height of the highest frequency band.

(a) $3\text{WZ}(\text{ZrCl}_4)_{923}$, (b) $3\text{WZ}(\text{ZrCl}_4)_{1098}$, (c) $19\text{WZ}(\text{ZrCl}_4)_{923}$ and (d) $19\text{WZ}(\text{ZrCl}_4)_{1098}$.