

Figure S1. *Operando* UV-Vis spectra of the studied polymers.

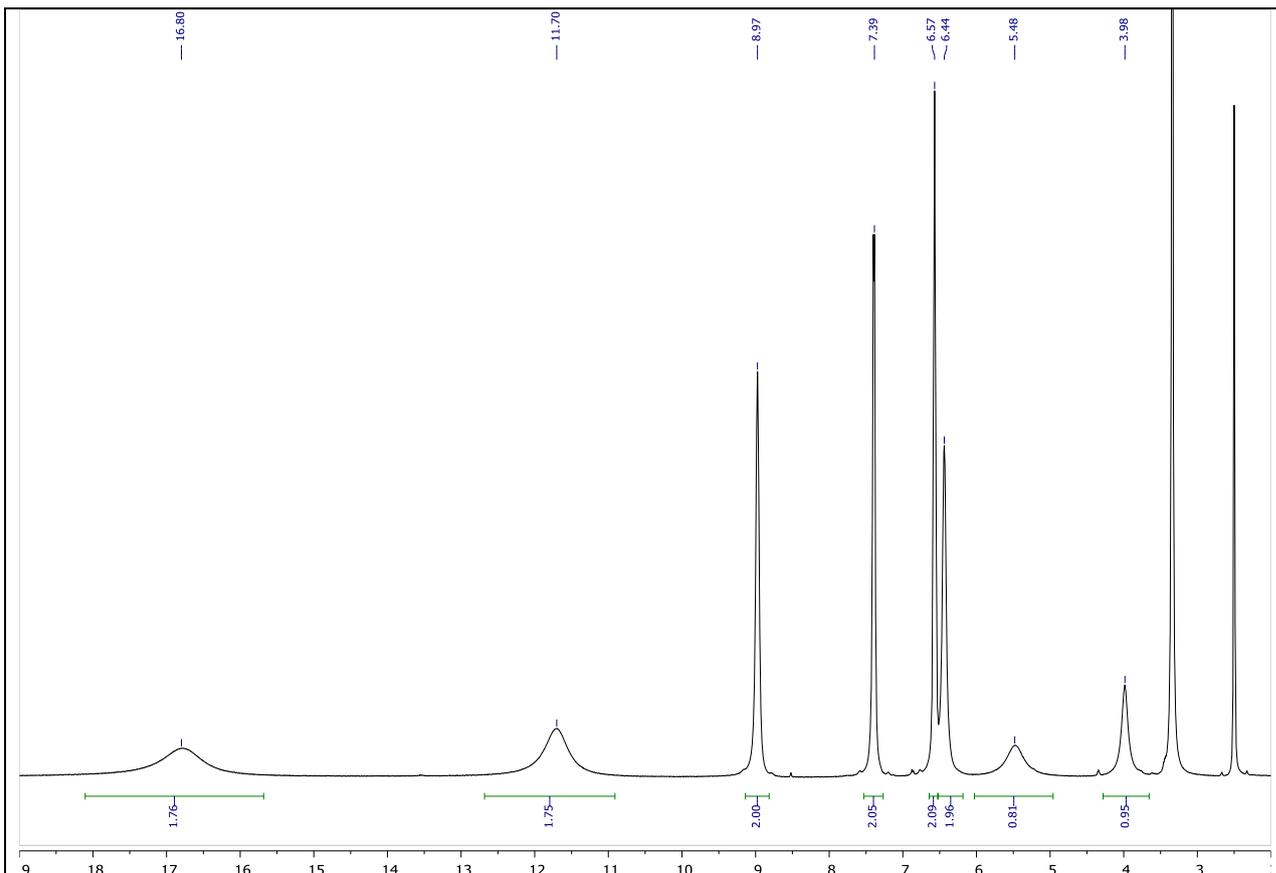


Figure S2. ¹H NMR spectrum of [Ni(SalPOHen)]

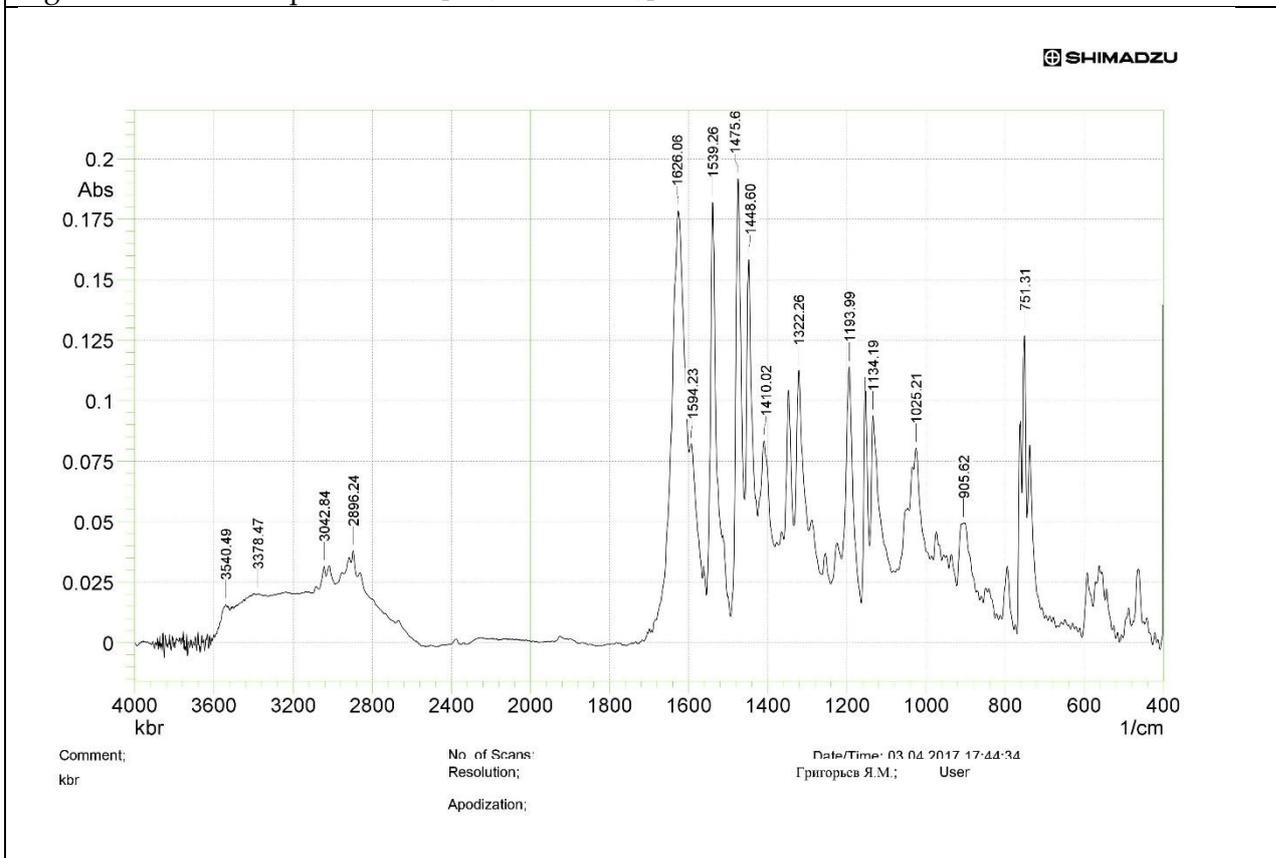


Figure S3. FTIR spectrum of [Ni(SalPOHen)]

Display Report

Analysis Info

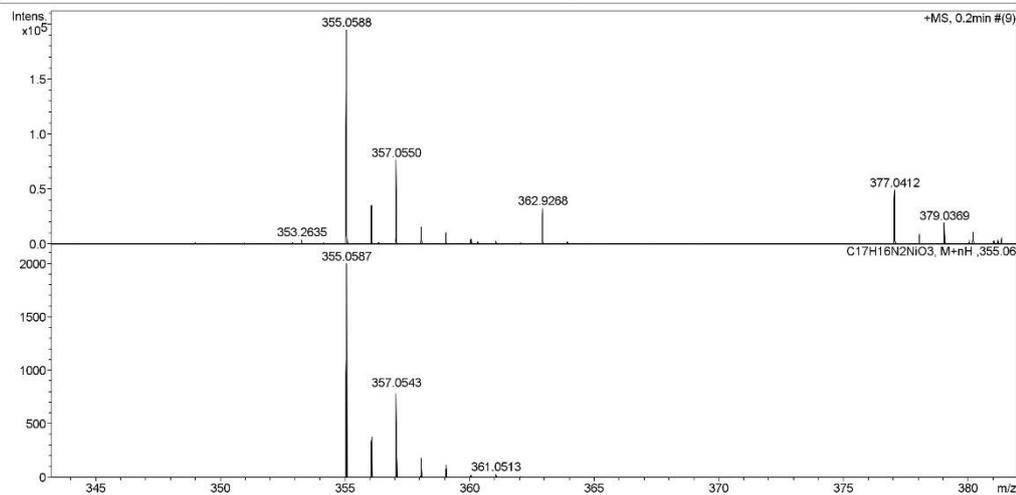
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Sample Name DAL_034_
Comment

Acquisition Date 4/11/2017 11:09:38 AM

Operator BDAL@DE
Instrument maXis 62

Acquisition Parameter

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Scan End	3000 m/z	Set Collision Cell RF	300.0 Vpp	Set Divert Valve	Source



Bruker Compass DataAnalysis 4.0

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Figure S4. HRMS spectrum of [Ni(SalPOHen)]

Crystallographic data for [Ni(SalPOHen)]

X-ray single crystal analysis were performed on Agilent Technologies «Supernova» diffractometer with monochromated Mo K α radiation. Crystal was measured at the temperature of 100 K. The structure has been solved by the Superflip^[50–52] and ShelXS^[53] structure solution programs using Charge Flipping and Direct Methods, respectively, and refined with the ShelXL^[54] refinement incorporated in the OLEX² program package^[55]. CCDC 1875699 contains the supplementary crystallographic data for this paper. These data can be obtained free of charge from The Cambridge Crystallographic Data Centre via <http://www.ccdc.cam.ac.uk>.

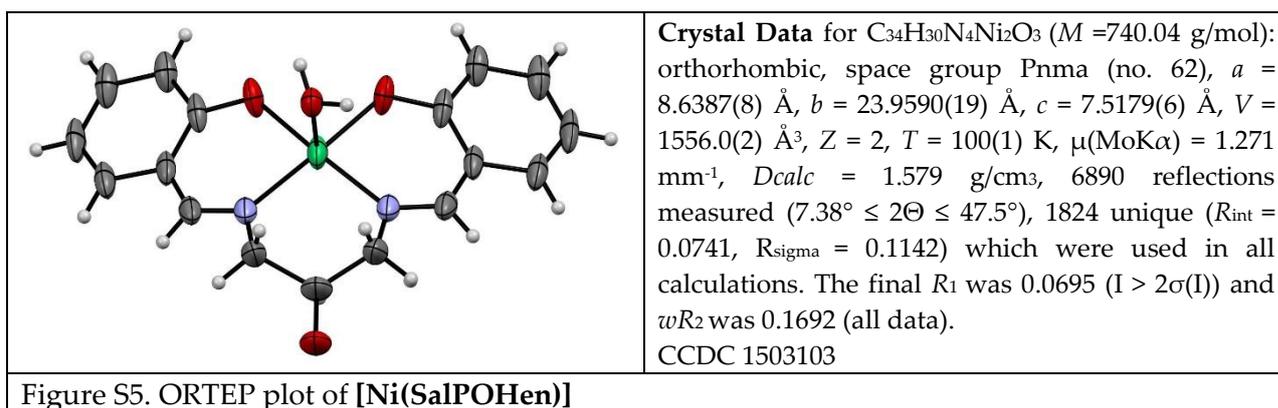


Figure S5. ORTEP plot of [Ni(SalPOHen)]