INTRACAVITY LASER SPECTROSCOPY OF NiCl: SYSTEM F

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The red electronic transition of NiCl occurring in the region of 14430 cm^{-1}, also known as System F, has been recorded with rotational resolution by intracavity laser absorption spectroscopy. The gas phase NiCl molecules were produced in an electric discharge using a nickel cathode and a trace amount of carbon tetrachloride with approx. 1 torr argon. Results of the analysis will be presented.