

The Henryk Niewodniczanski INSTITUTE OF NUCLEAR PHYSICS POLISH ACADEMY OF SCIENCES

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Dear Professor Inaba-San,

I am writing to express my appreciation for what you have done to make my stay in Osaka so successful. I have beautiful memories of my first visit to Japan. It is difficult for me to believe that just one month ago I could walk down Toyonaka and attend the conference in Tokyo. It is impossible for me to tell you what a wonderful experience it was to visit your Laboratory, even if it was only for a short time unfortunately. I do wish to warmly thank you for great experience to know how your calorimetric systems work. It was a privilege for me to spend six mounts working with your research group in the Research Center for Structural Thermodynamics in Osaka. I really appreciate everything you have done to show me how beautiful and amazing is your scientific work.

I had the honor to work with Assoc. Prof. Yuji Miyazaki-San during thermodynamic investigations of polymorphism of glass-forming materials, i.e., pure 1-propanol and its concentrated solutions (80% and 90% 1-propanol mass fractions). We measured heat capacity with help of a low-temperature adiabatic calorimeter for small mass of the samples (twin-type adiabatic microcalorimeter) in the wide temperature range from 10 K to 350 K in five experimental runs.

I was happy to assist you during our heat capacity measurements of liquid crystalline material N-(4-n-butyloxybenzylidene)-4'-n'-octyloaniline (BBOA or 40.8) in your adiabatic calorimetry in the temperature range from 5 to 375 K.

I would like to thank the Ph.D student Hal Suzuki-San for collaboration during the measurements of BBOA with help of the relaxation technique (Quantum Design PPMS). Thanks to Asst. Prof. Daisuke Takajo-San the texture photographs of the crystalline, smectic B, smectic A and nematic phases of BBOA have been obtained as well.

I am greatly honored by President of the Osaka University with invitation and the acceptance of my application for the Post Doc position I am deeply gratitude to the staff and students of the Research Center for Structural Thermodynamics for hospitality during my stay.

I would like to send my special acknowledgement to Hal Suzuki for his help in every case and for trips arranged to beautiful Japanese culture places, and for his friendship.

Thank you so much for all the support you and your coworkers have given to me during a time I spent in Osaka. I know I will miss you all.

Yours sincerely,

Ewa