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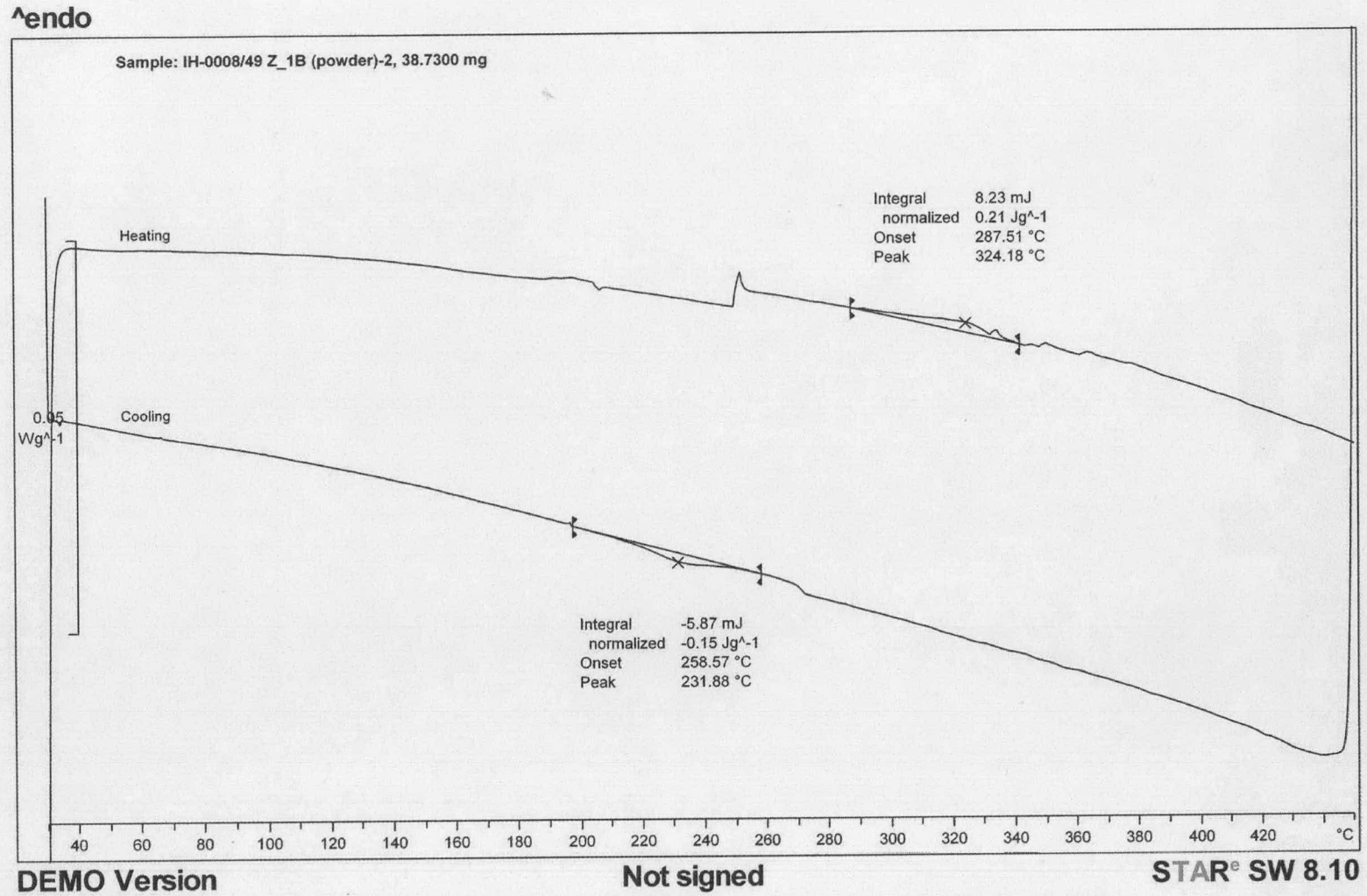
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APPENDICES

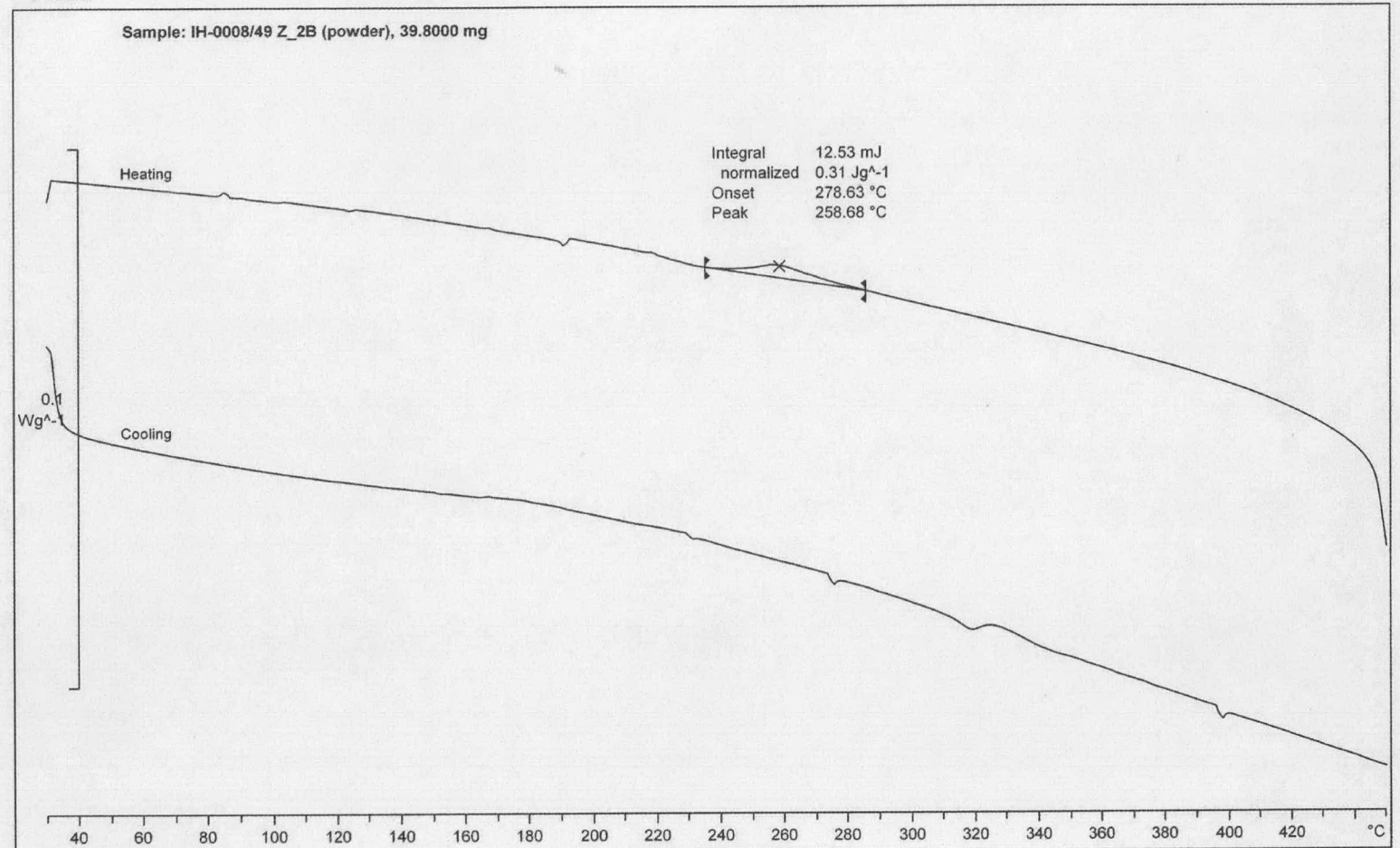
APPENDIX

The Phase Transition Results by Differential Scanning Colorimeter



DSC curves of 0.5 at% Zr in BNLT system

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DEMO Version

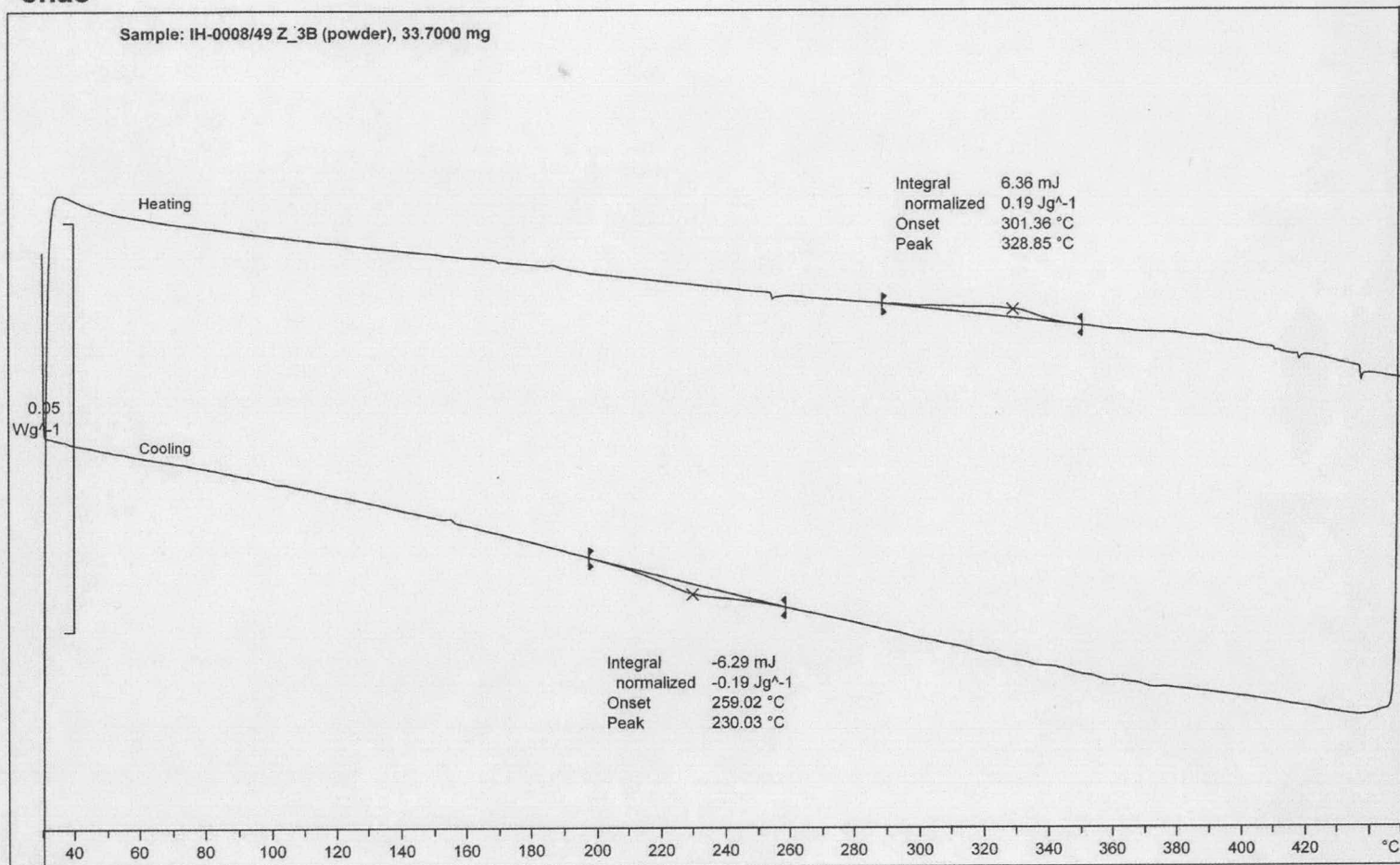
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STAR[®] SW 8.10

DSC curves of 1.0 at% Zr in BNLT system

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Sample: IH-0008/49 Z_3B (powder), 33.7000 mg



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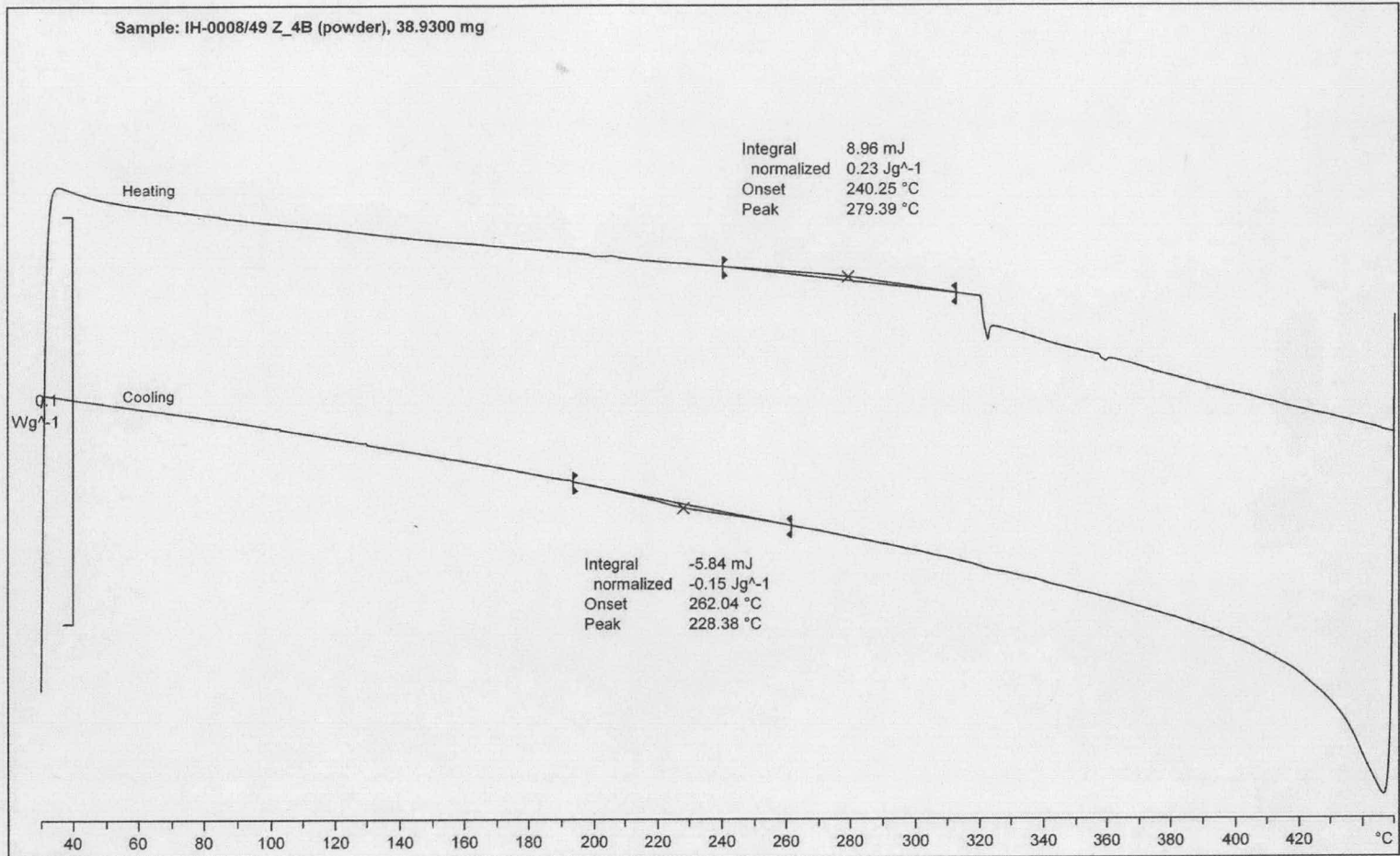
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DSC curves of 1.5 at% Zr in BNLT system

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Sample: IH-0008/49_Z_4B (powder), 38.9300 mg



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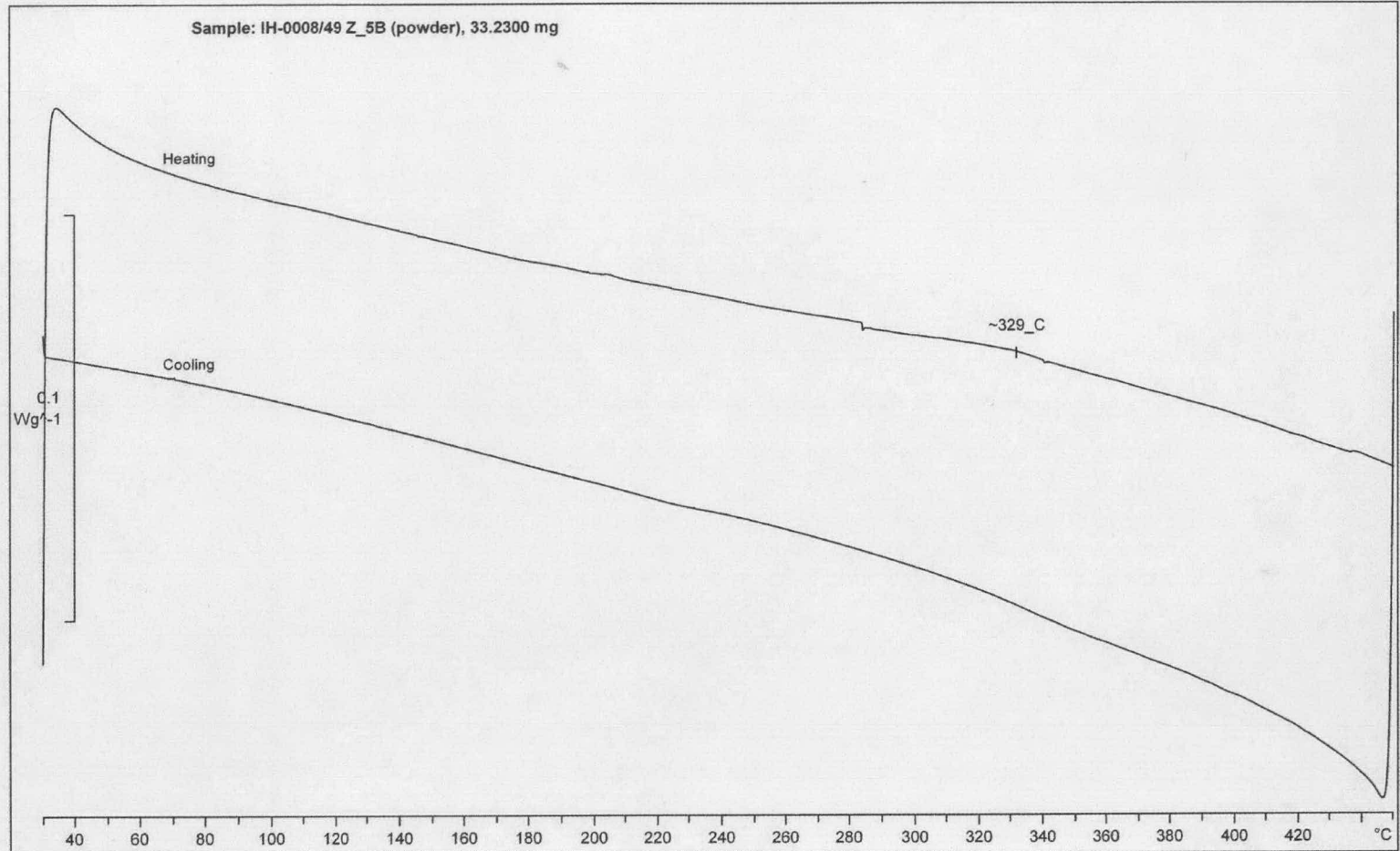
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DSC curves of 2.0 at% Zr in BNLT system

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Sample: IH-0008/49 Z_5B (powder), 33.2300 mg



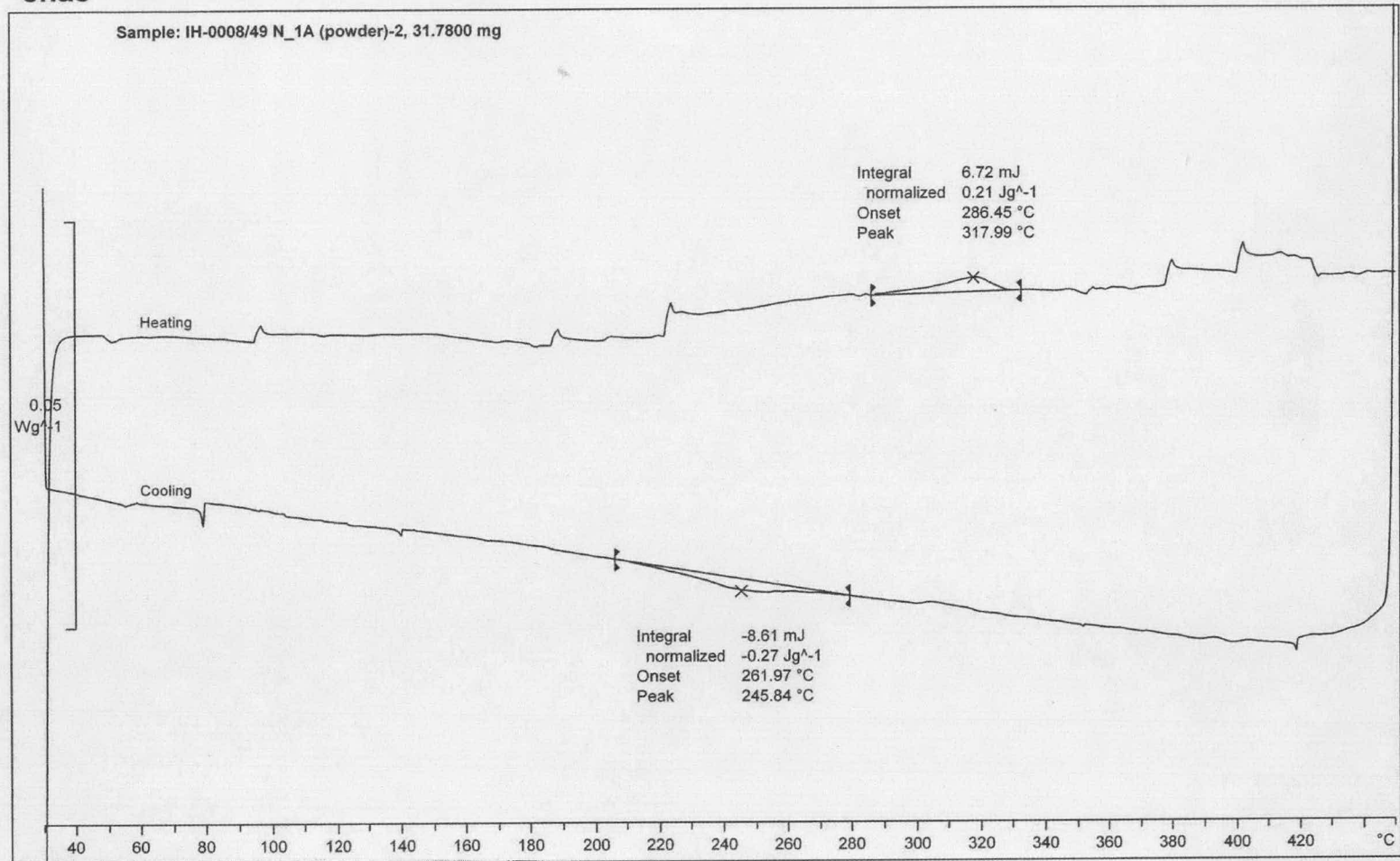
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DSC curves of 2.5 at% Zr in BNL system

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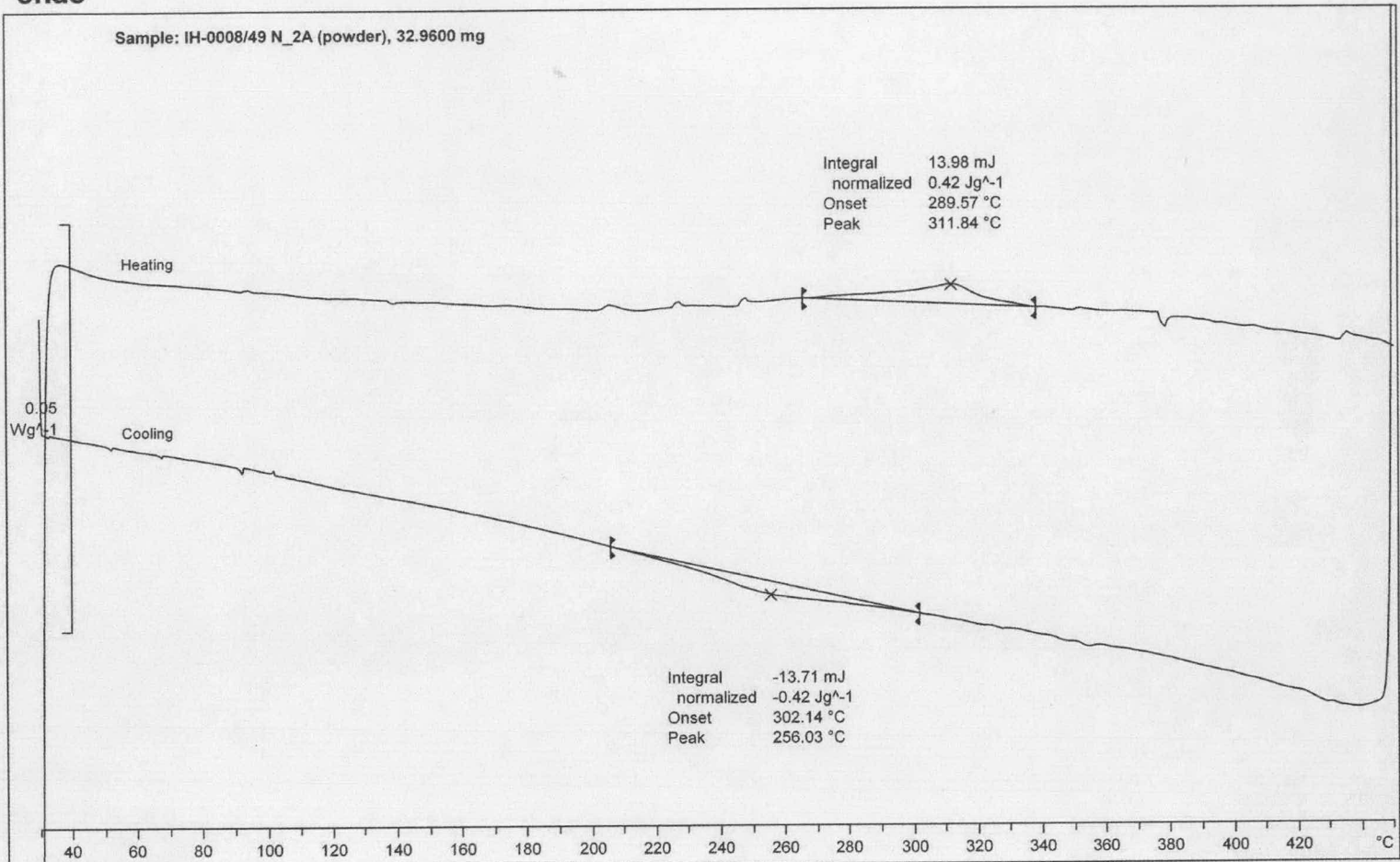
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DSC curves of 0.5 at% Nb in BNLT system

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Sample: IH-0008/49 N_2A (powder), 32.9600 mg



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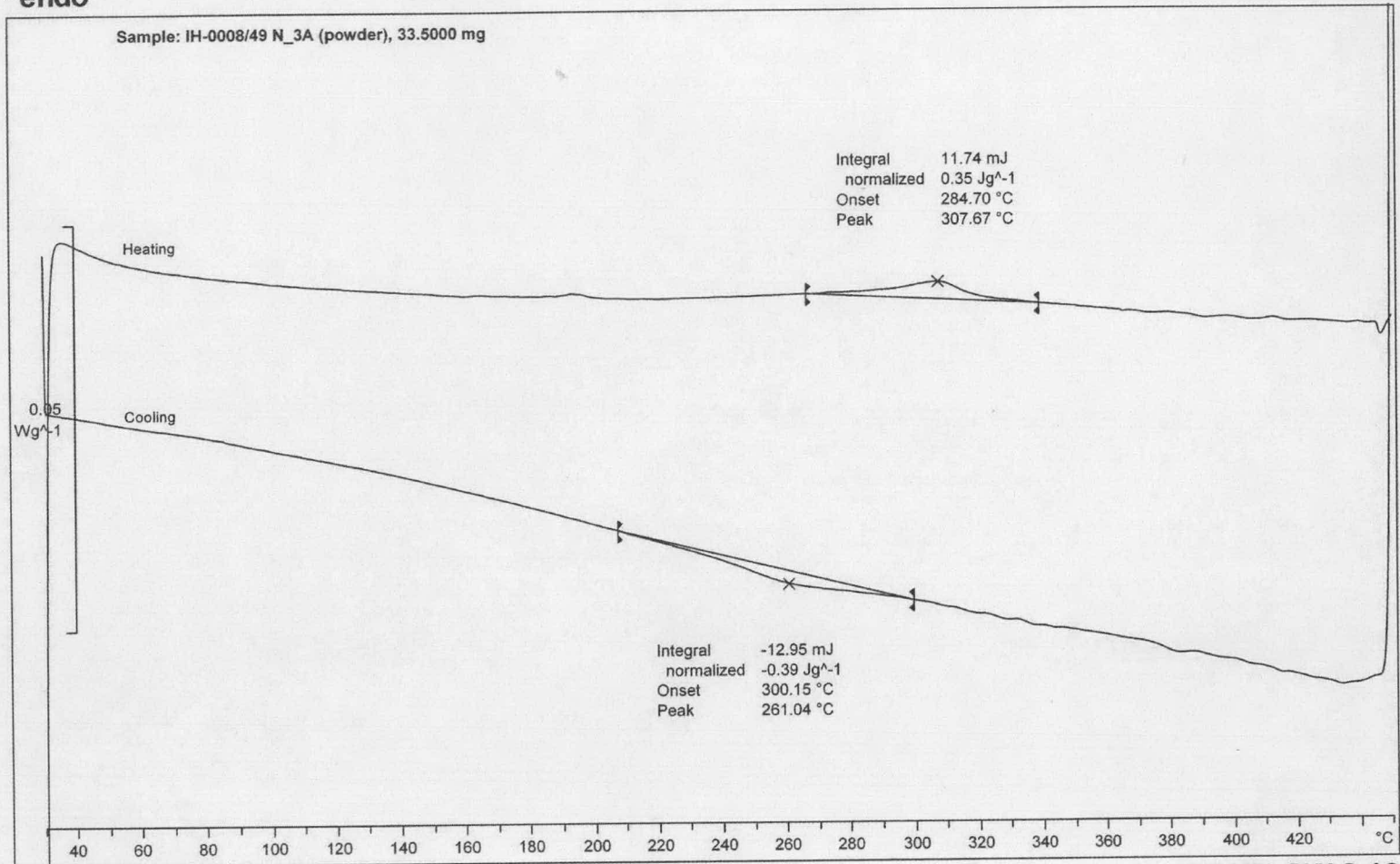
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DSC curves of 1.0 at% Nb in BNLT system

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Sample: IH-0008/49 N_3A (powder), 33.5000 mg



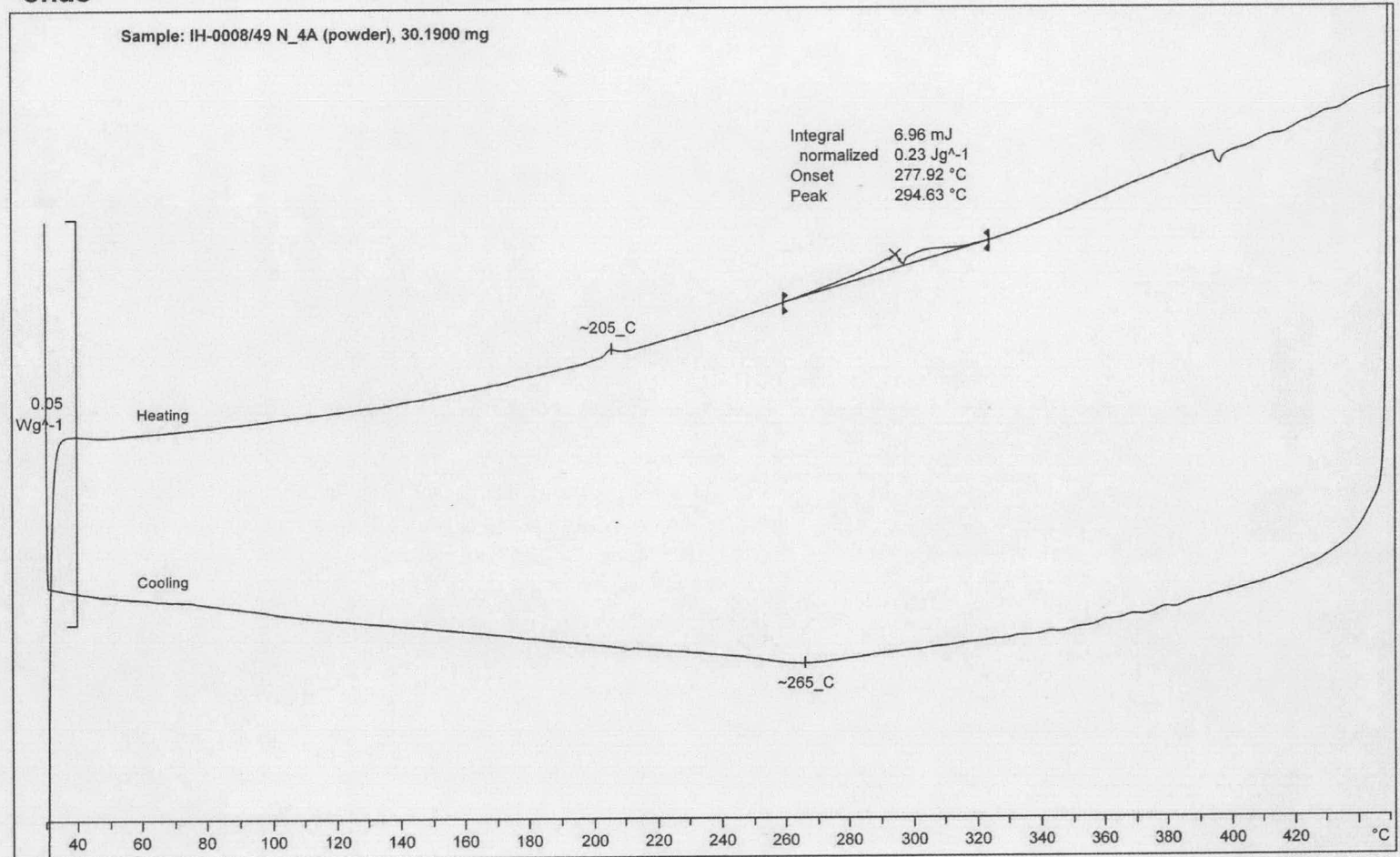
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DSC curves of 1.5 at% Nb in BNLT system

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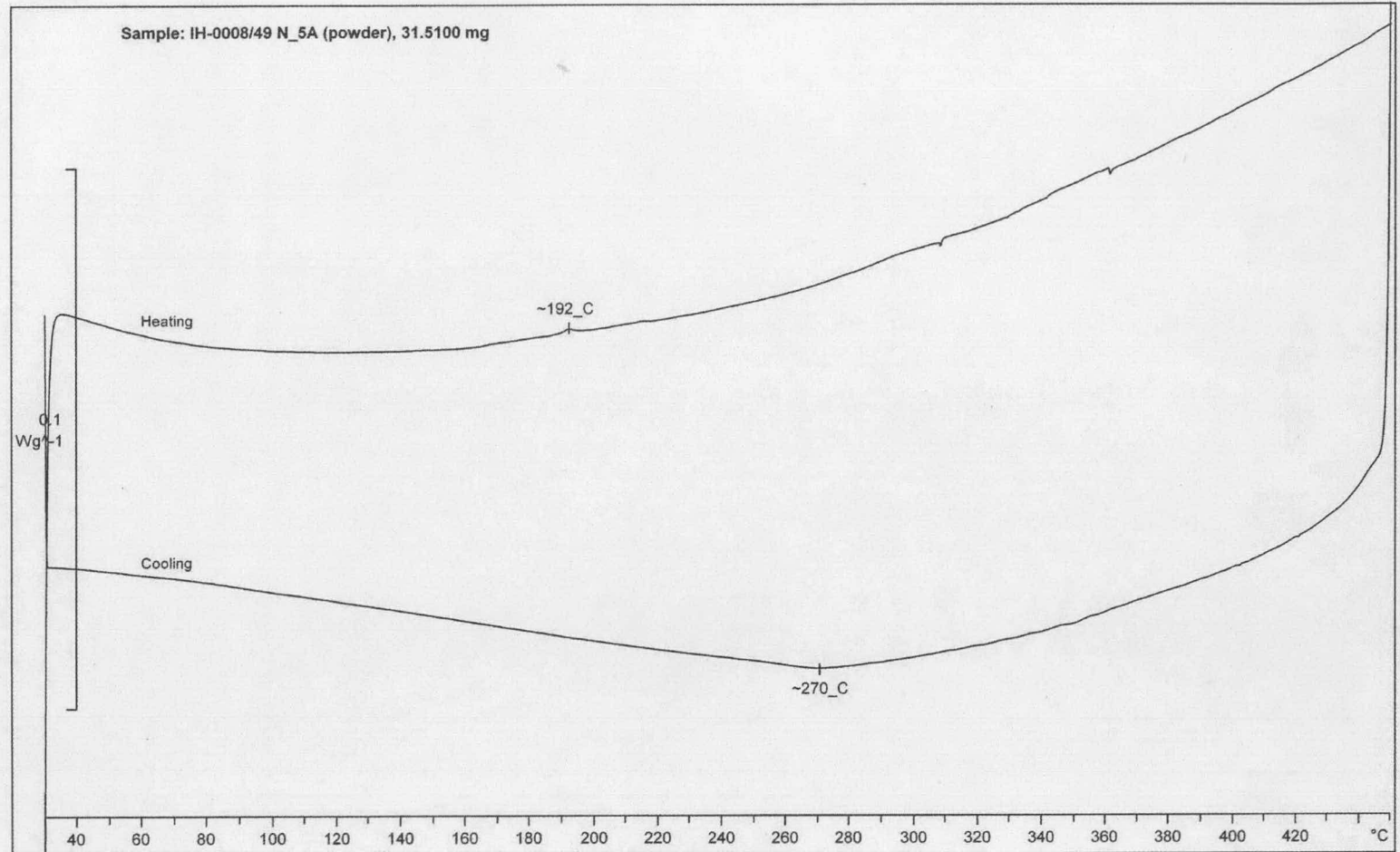
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DSC curves of 2.0 at% Nb in BNL system

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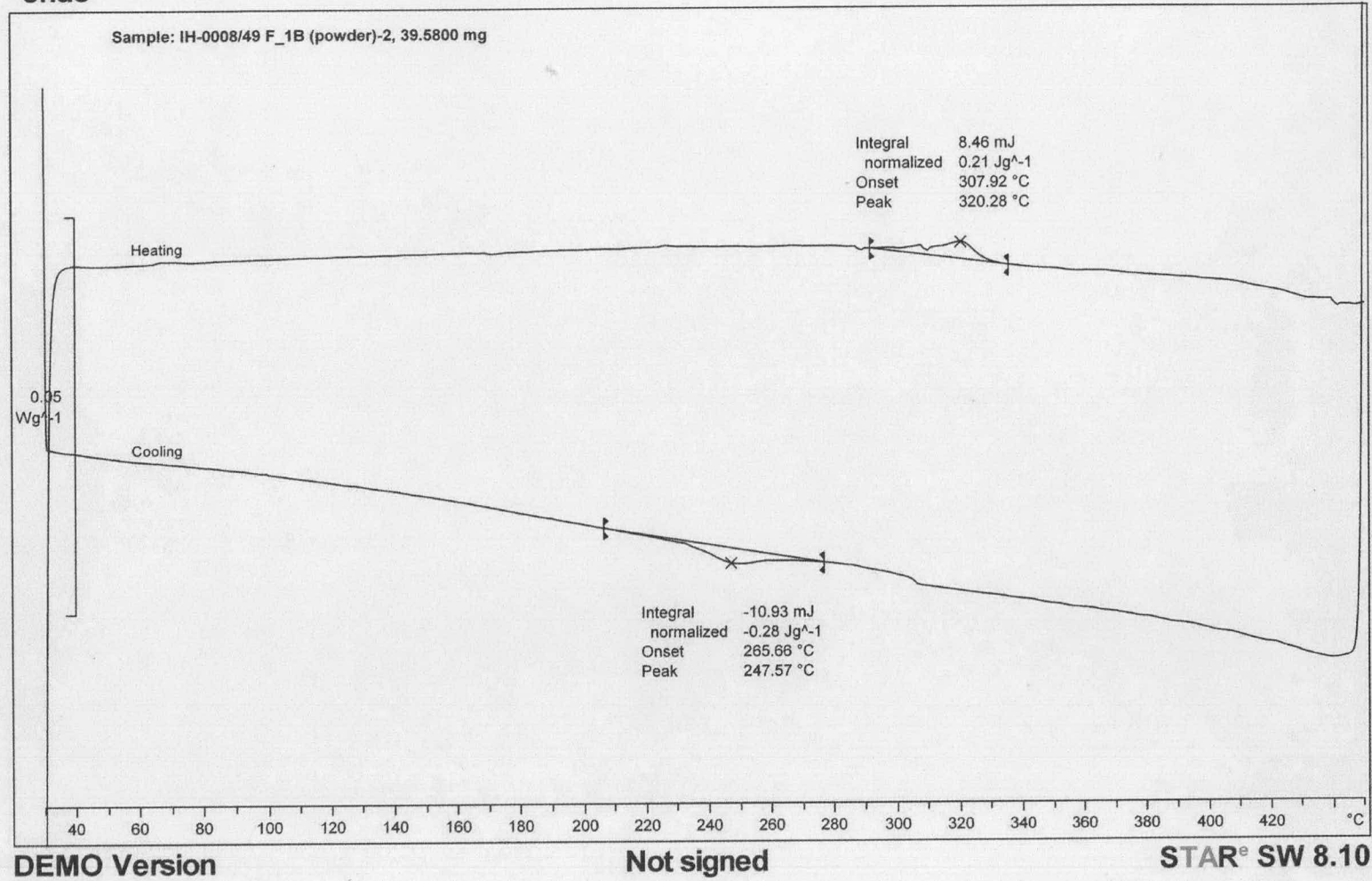
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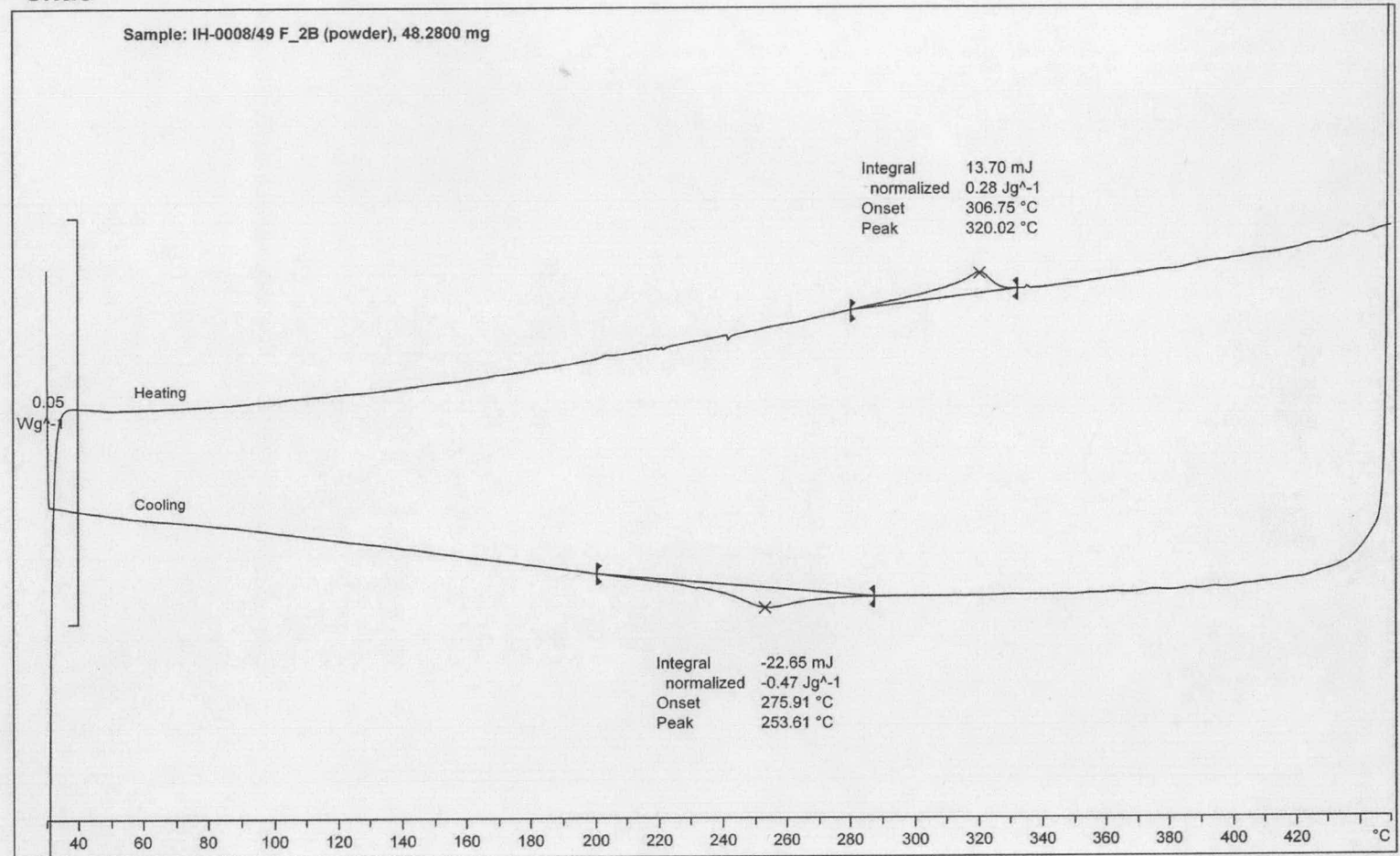
DSC curves of 2.5 at% Nb in BNLT system

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DSC curves of 0.5 at% Fe in BNLT system

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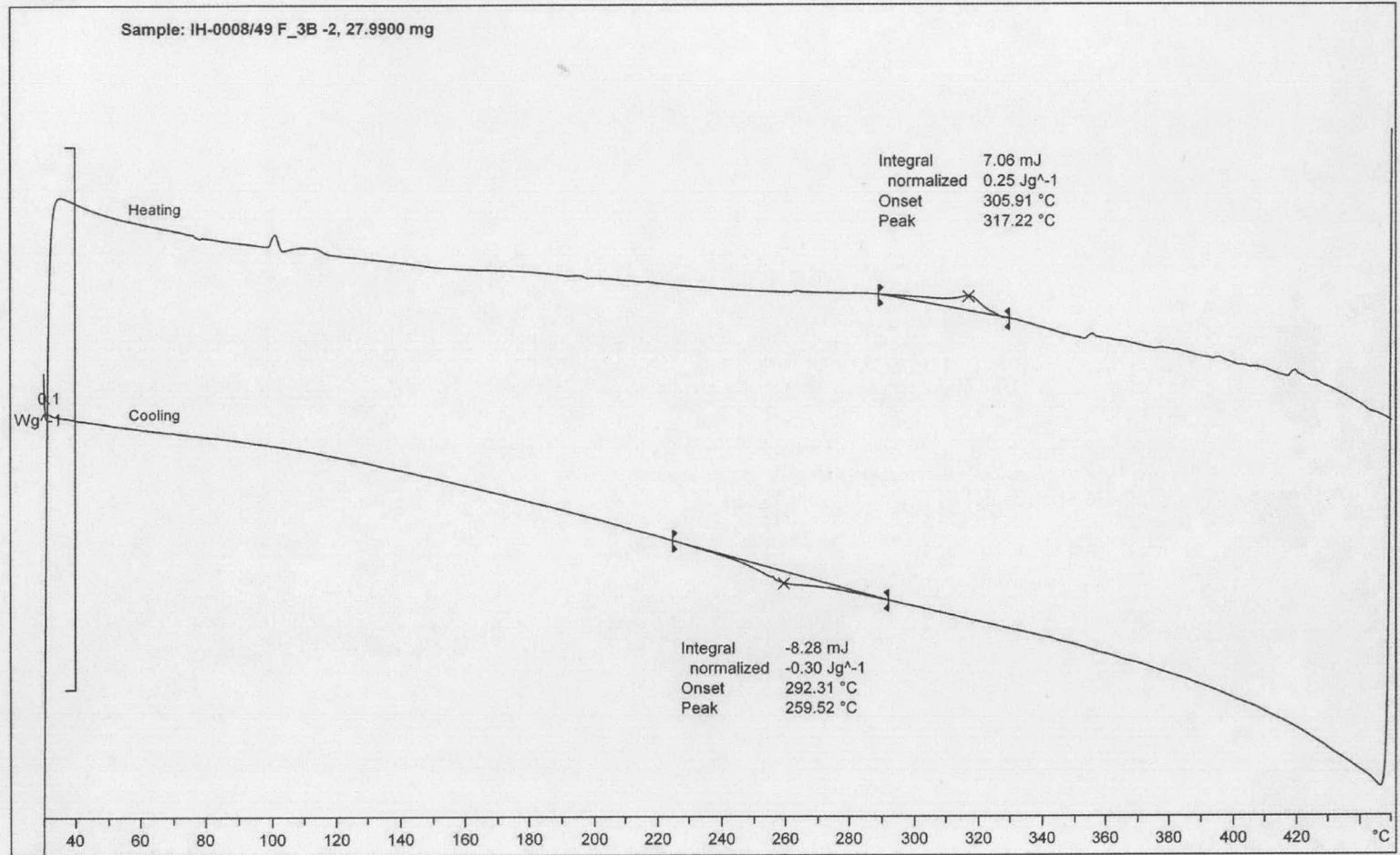
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DSC curves of 1.0 at% Fe in BNLT system

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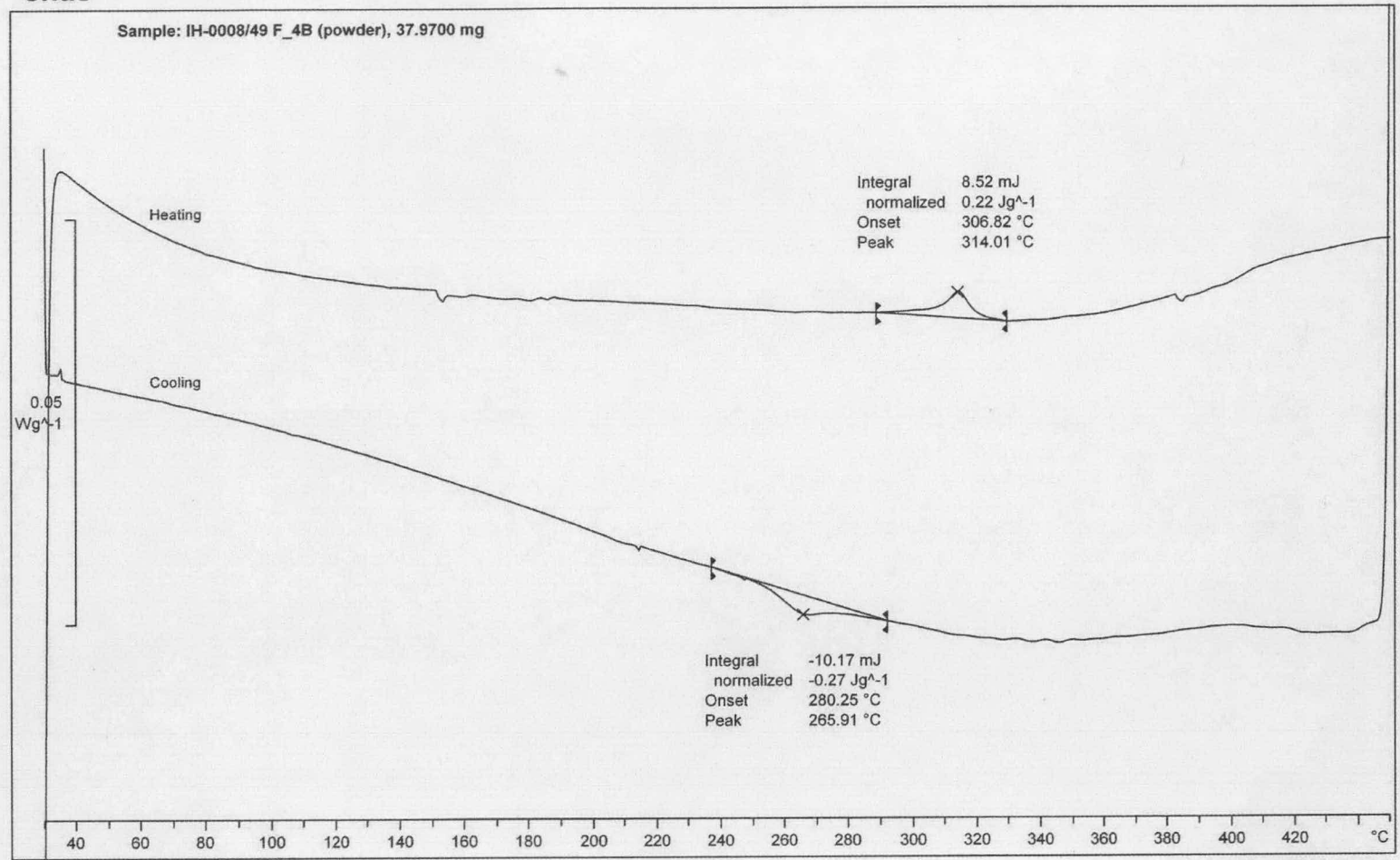
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DSC curves of 1.5 at% Fe in BNLT system

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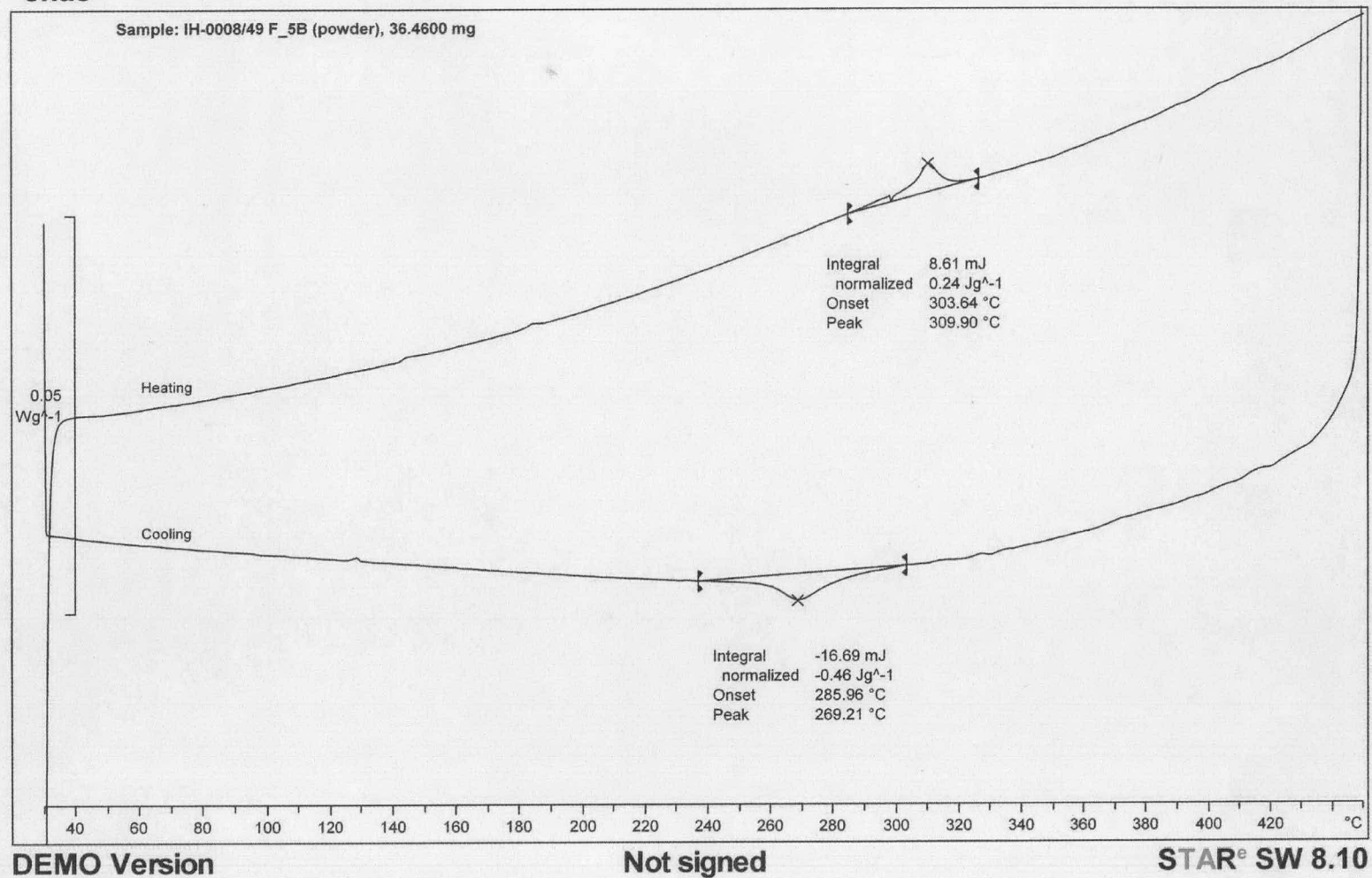
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DSC curves of 2.0 at% Fe in BNLT system

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DSC curves of 2.5 at% Fe in BNLT system

BIOGRAPHY

Mrs. Supamas Danwittayakul was born in Chiang Rai on 1st March 1975, after she had graduated her Bachelor's Degree from Department of Industrial Chemistry, Silicate Science Technology, Faculty of Science, Chiang Mai University; she had worked for Thai German Ceramic Industrial (Public) Co., Ltd. for 3 years as a Ceramist in Technology Department. After that she had been started to work for National Metal and Materials Technology Center (MTEC) as a Research Assistant up to now, during wok for MTEC, she decided to continue her study in Master's Degree in the field of Ceramic Technology at Chulalongkorn University and graduated in October 2006.