

Supplementary Materials: Solid and Semisolid Innovative Formulations Containing Miconazole-Loaded Solid Lipid Microparticles to Promote Drug Entrapment into the Buccal Mucosa

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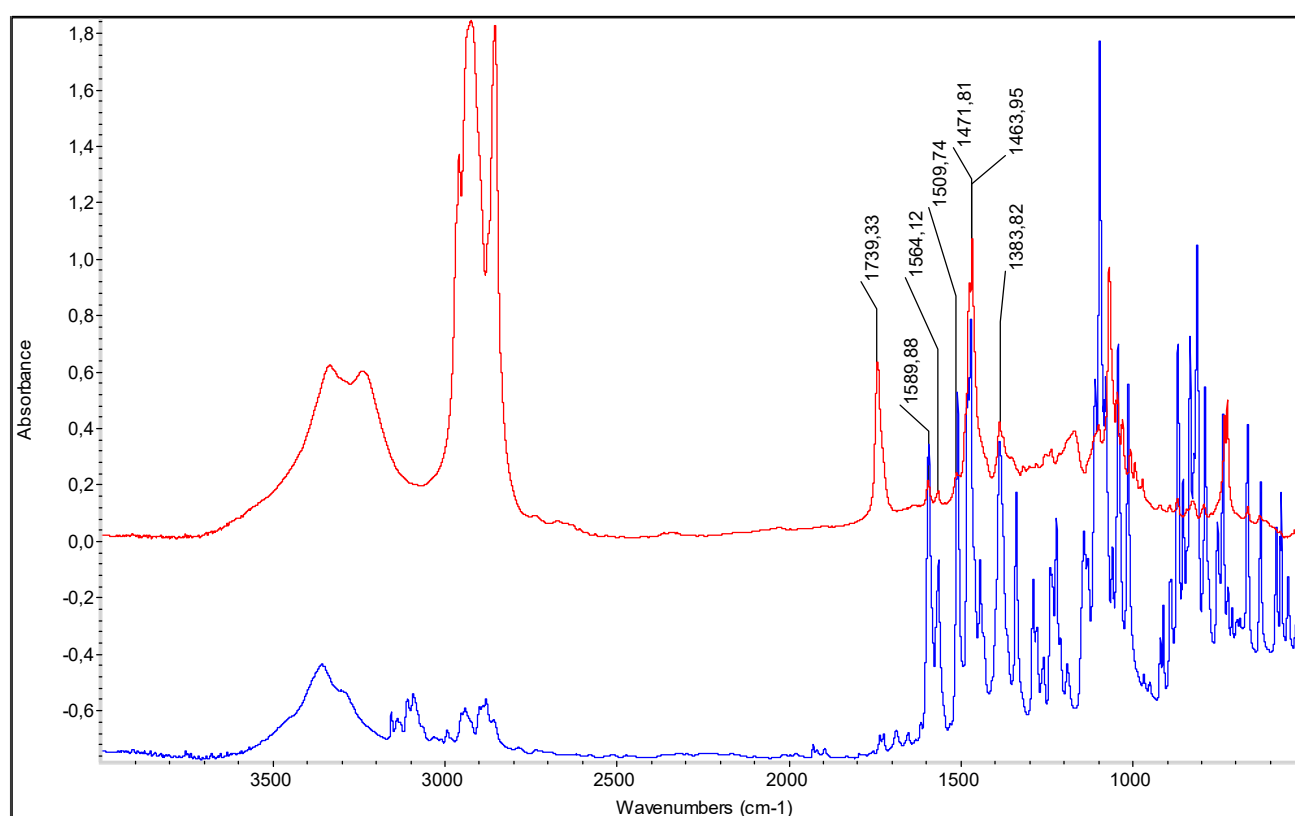


Figure S1. FT-IR spectra in KBr of MCZ loaded microspheres (red) and MCZ crystalline pure (blue).

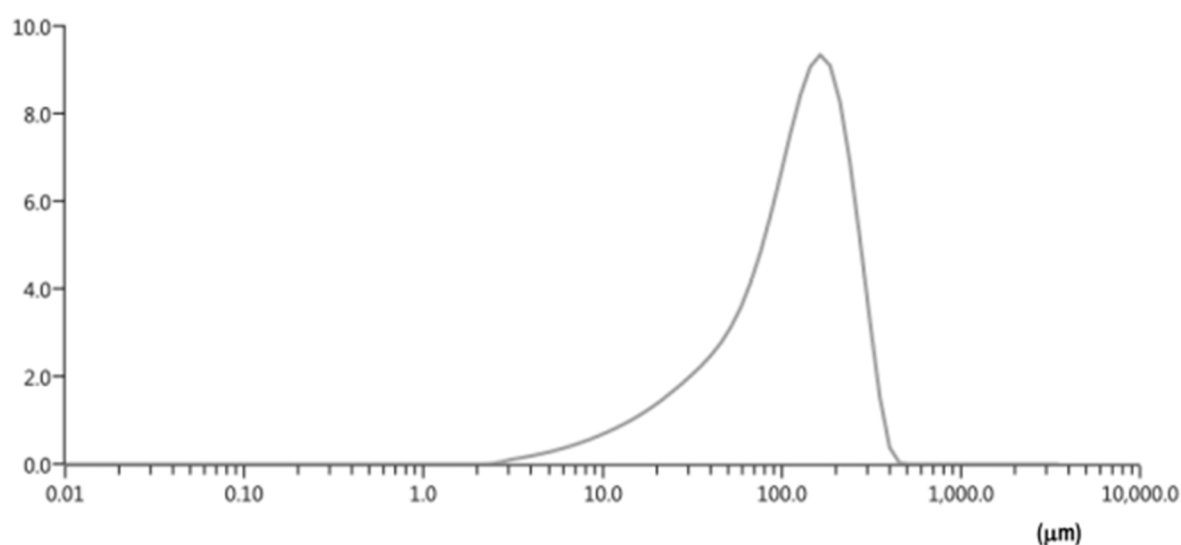


Figure S2. Dimensional distribution of a batch of MCZ loaded SLMs by Mastersize 3000, Malvern.

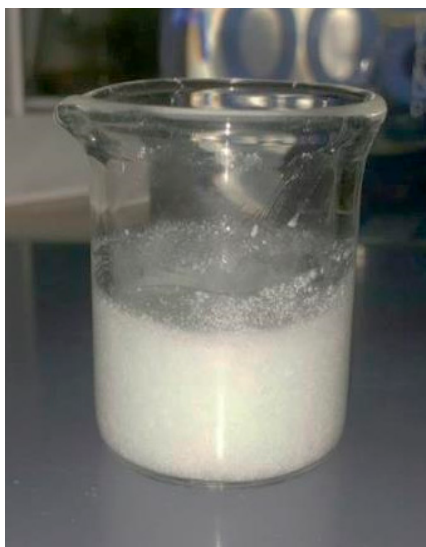
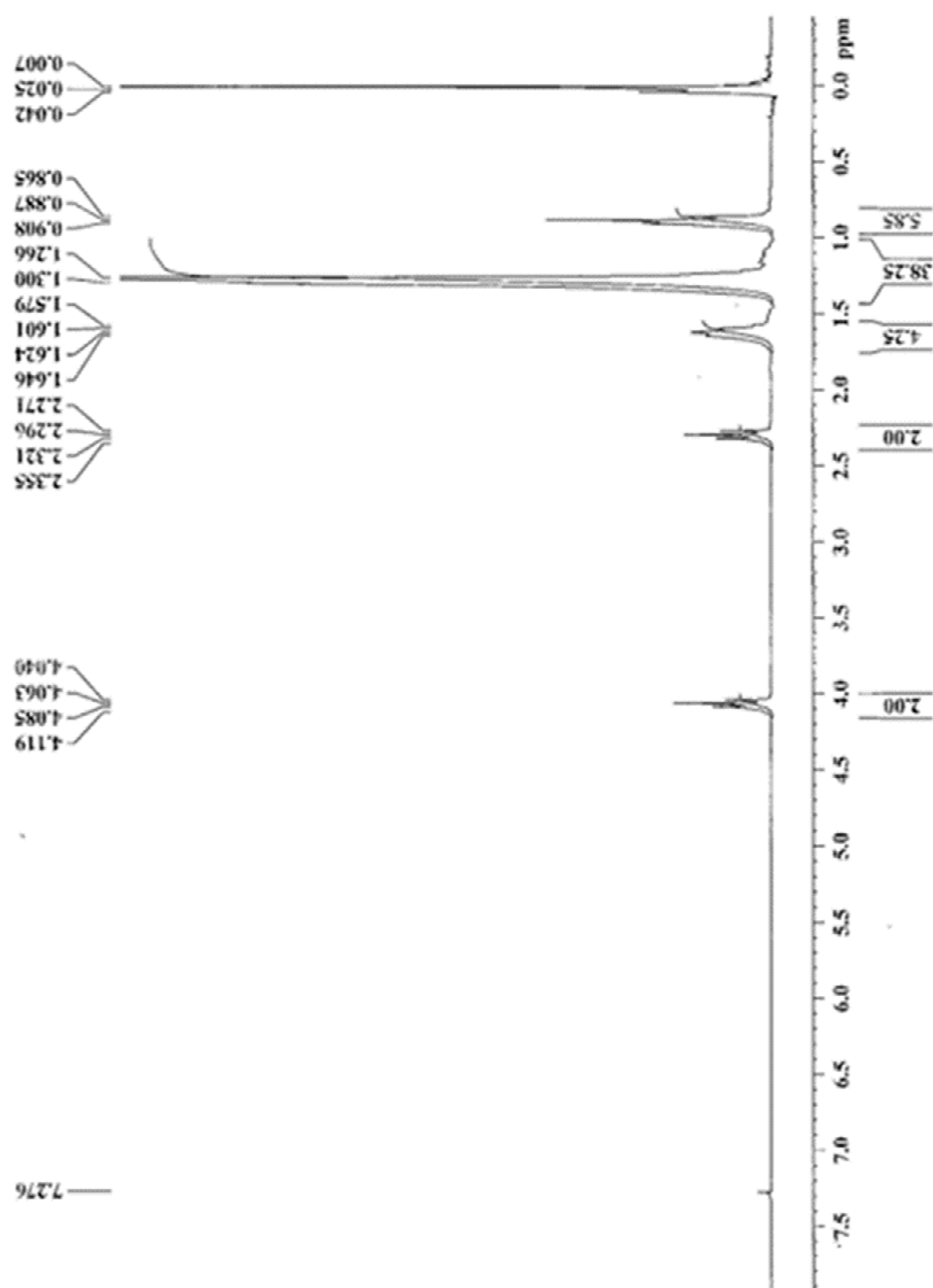


Figure S3. Appearance of the SLMs-loaded buccal gel



Figure S4. SLMs-loaded film D after 15 min of swelling

Figure S5. ^1H -NMR of cetyl decanoate

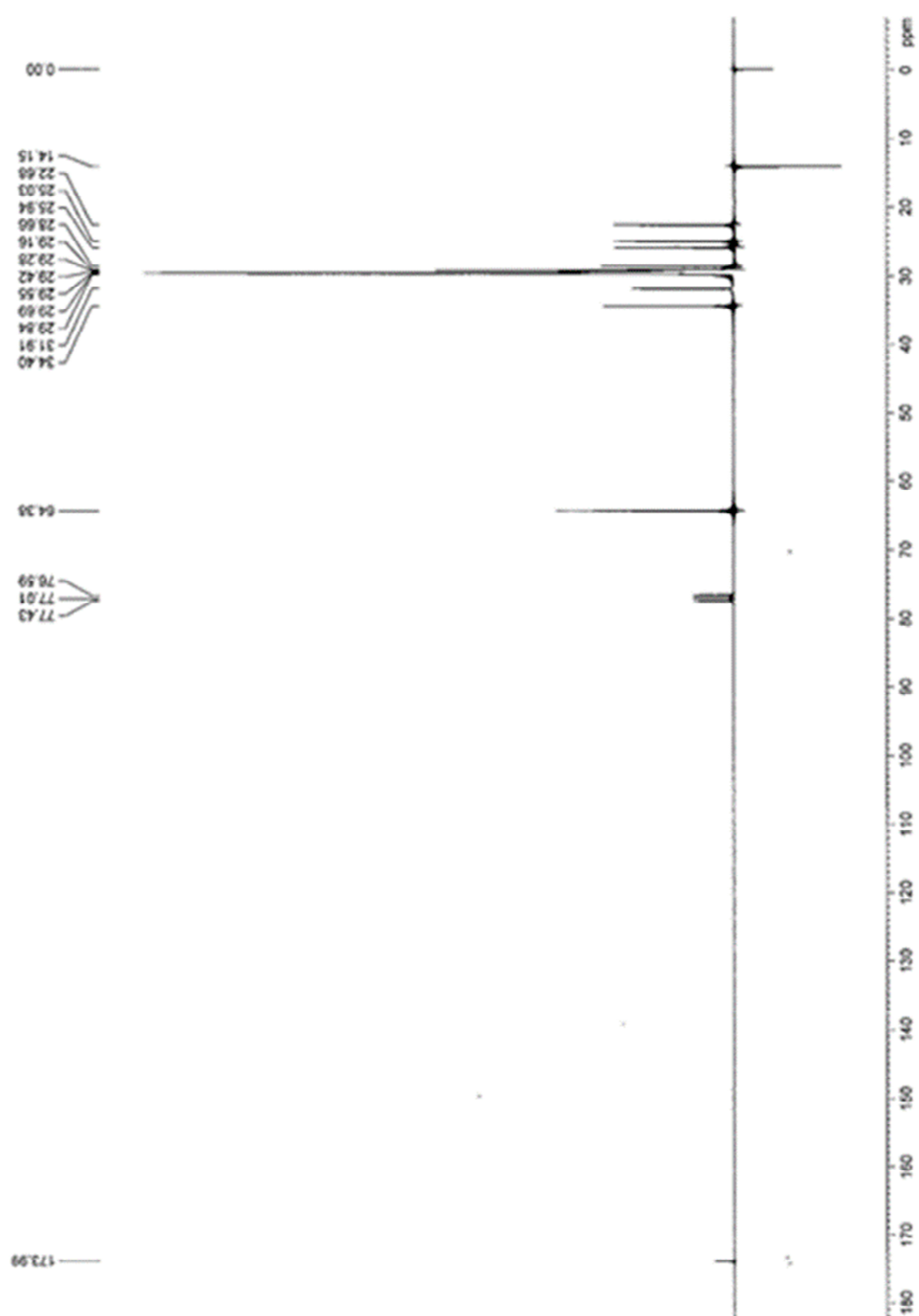


Figure S6. ^{13}C -NMR of cetyl decanoate

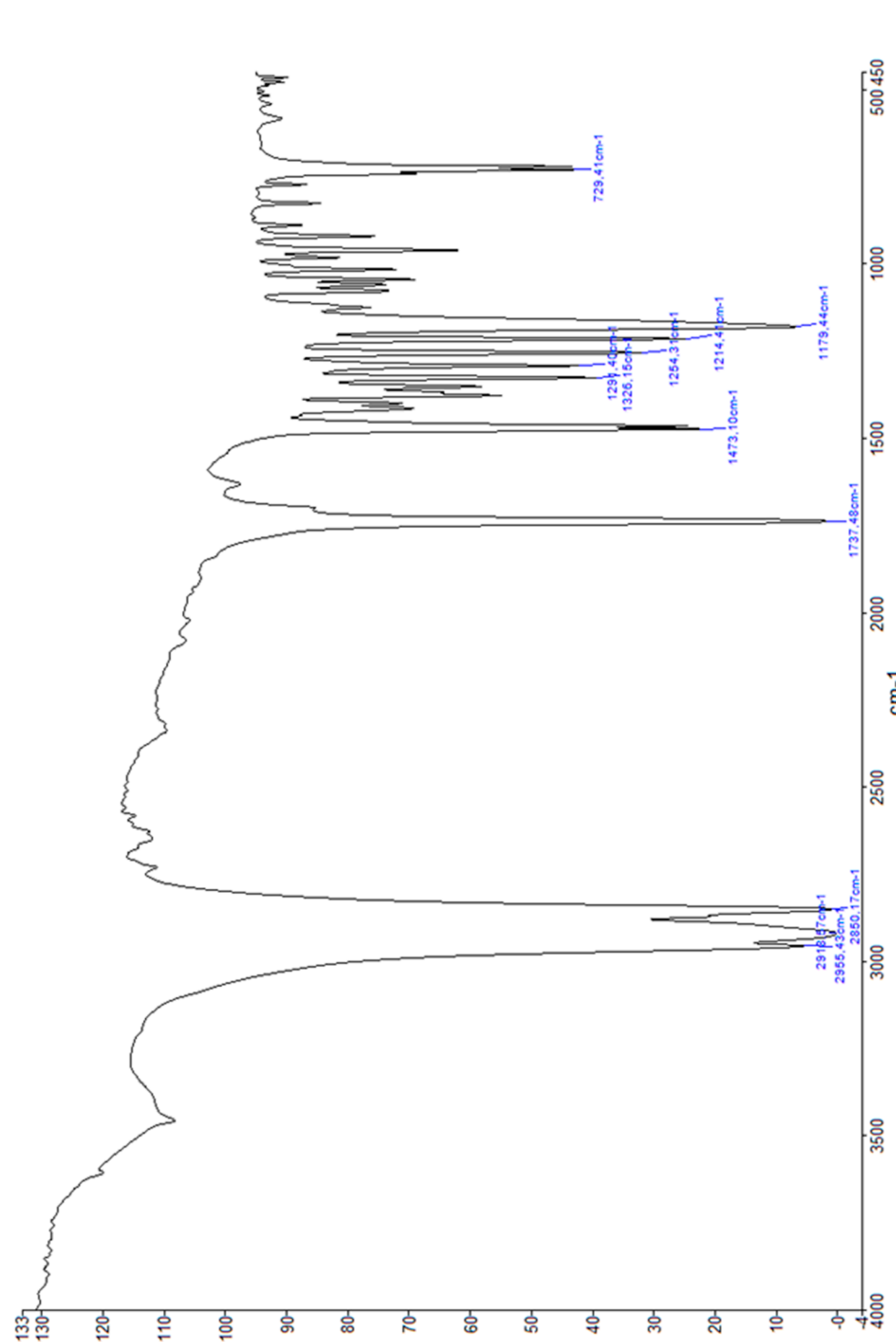


Figure S7. FT-IR of cetyl decanoate

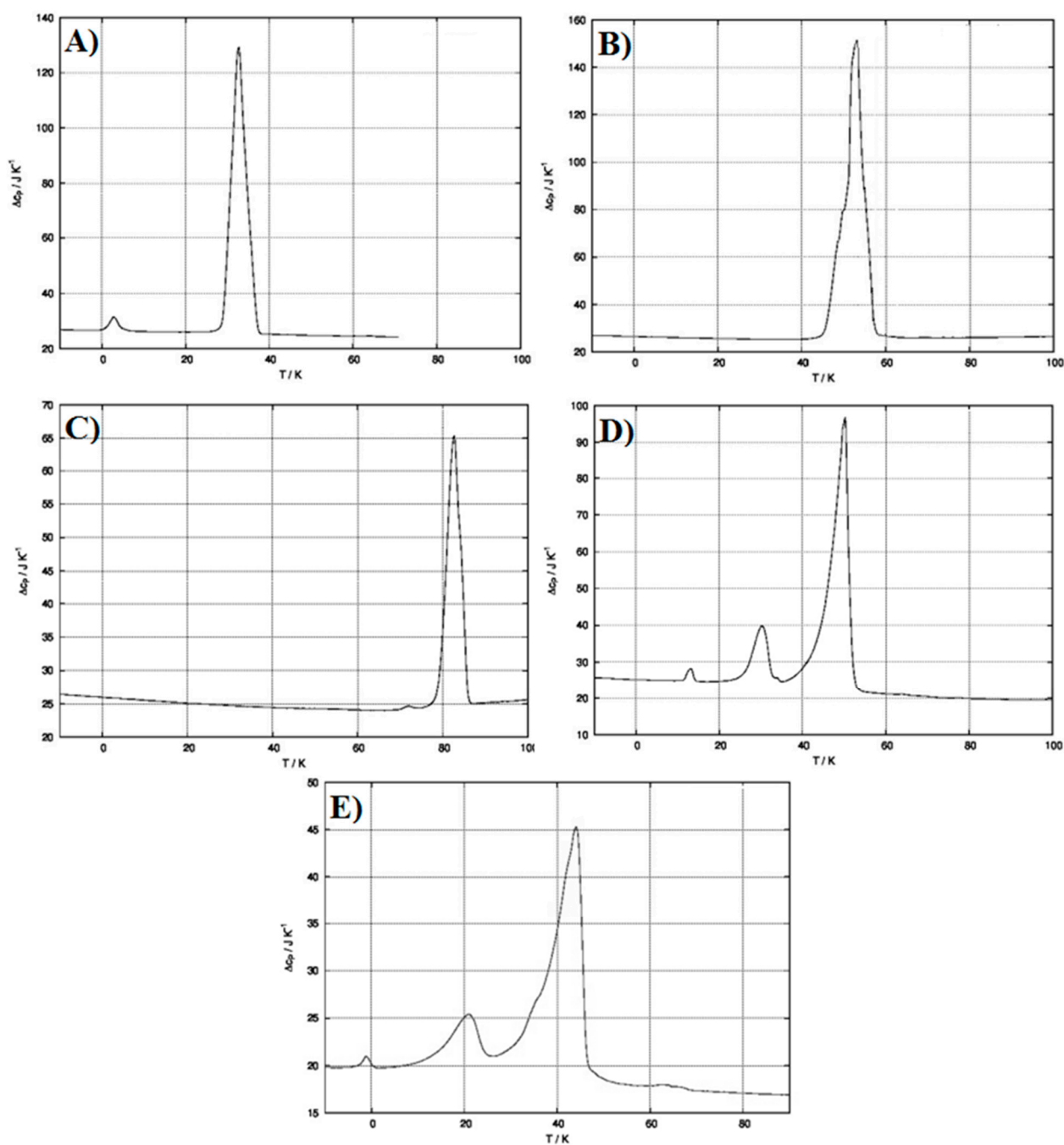


Figure S8. DSC thermograms of: A) pure Cetyl Decanoate; B) pure 1-hexadecanol; C) pure MCZ; D) physical mix of cetyl decanoate, 1-hexadecanol and MCZ; E) MCZ-loaded SLMs