

Extending the Shelf Life of HLM Chips through Freeze-Drying of Human Liver Microsomes Immobilized onto Thiol-ene Micropillar Arrays

Iiro Rautsola^a, Markus Haapala^a, Leo Huttunen^a, Ossi Korhonen^b, Tiina Sikanen^{*a, c}

^a Faculty of Pharmacy, Drug Research Program, University of Helsinki, Finland

^b Faculty of Health Sciences, School of Pharmacy, University of Eastern Finland, Finland

^c Helsinki Institute of Sustainability Science, University of Helsinki, Finland

* Corresponding author: tiina.sikanen@helsinki.fi

Supplementary material

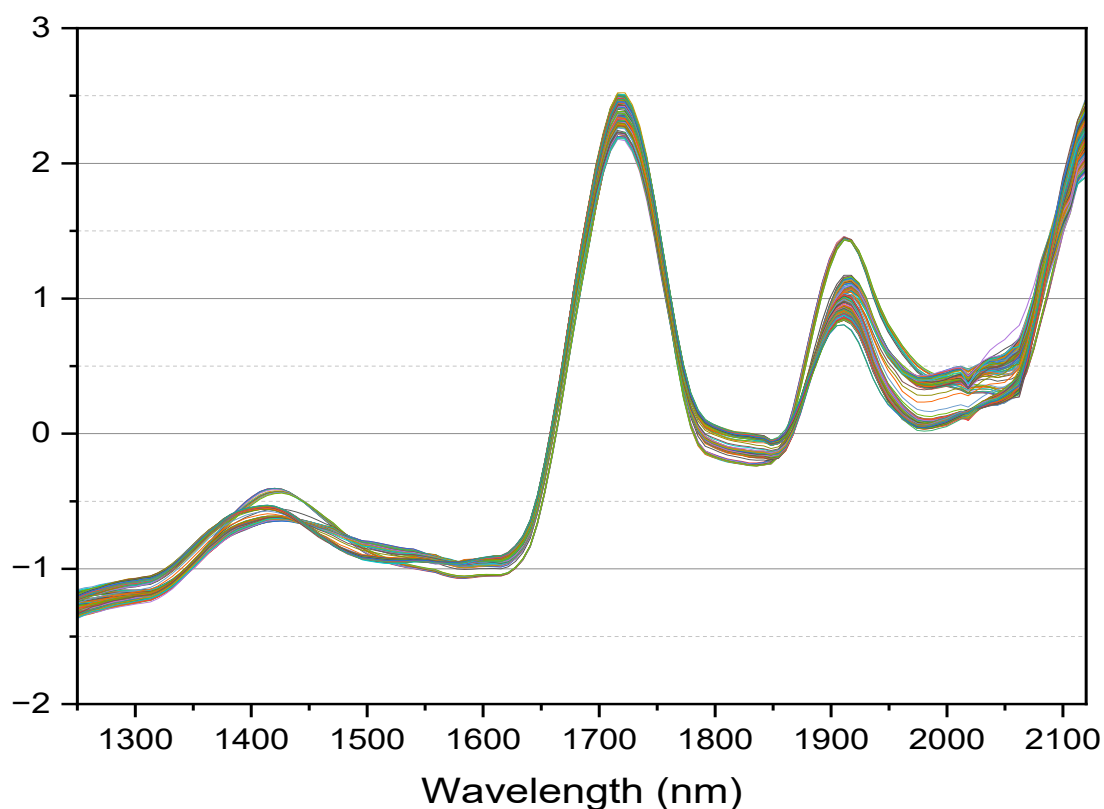


Figure S1. Pretreated infrared spectra, after Savitzky-Golay smoothing and Standard Normal Variate (SNV) correction, collected from the HLM chip during the freeze-drying process under optimized conditions.