

Development, optimization and characterization of Eudraguard®-based microparticles for colon delivery

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SUPPLEMENTARY MATERIAL: IR SPECTRA OF QUERCETIN, EUDRAGUARD POLYMERS AND THE RELATIVE MICROPARTICLES AND PHYSICAL MIXTURE.

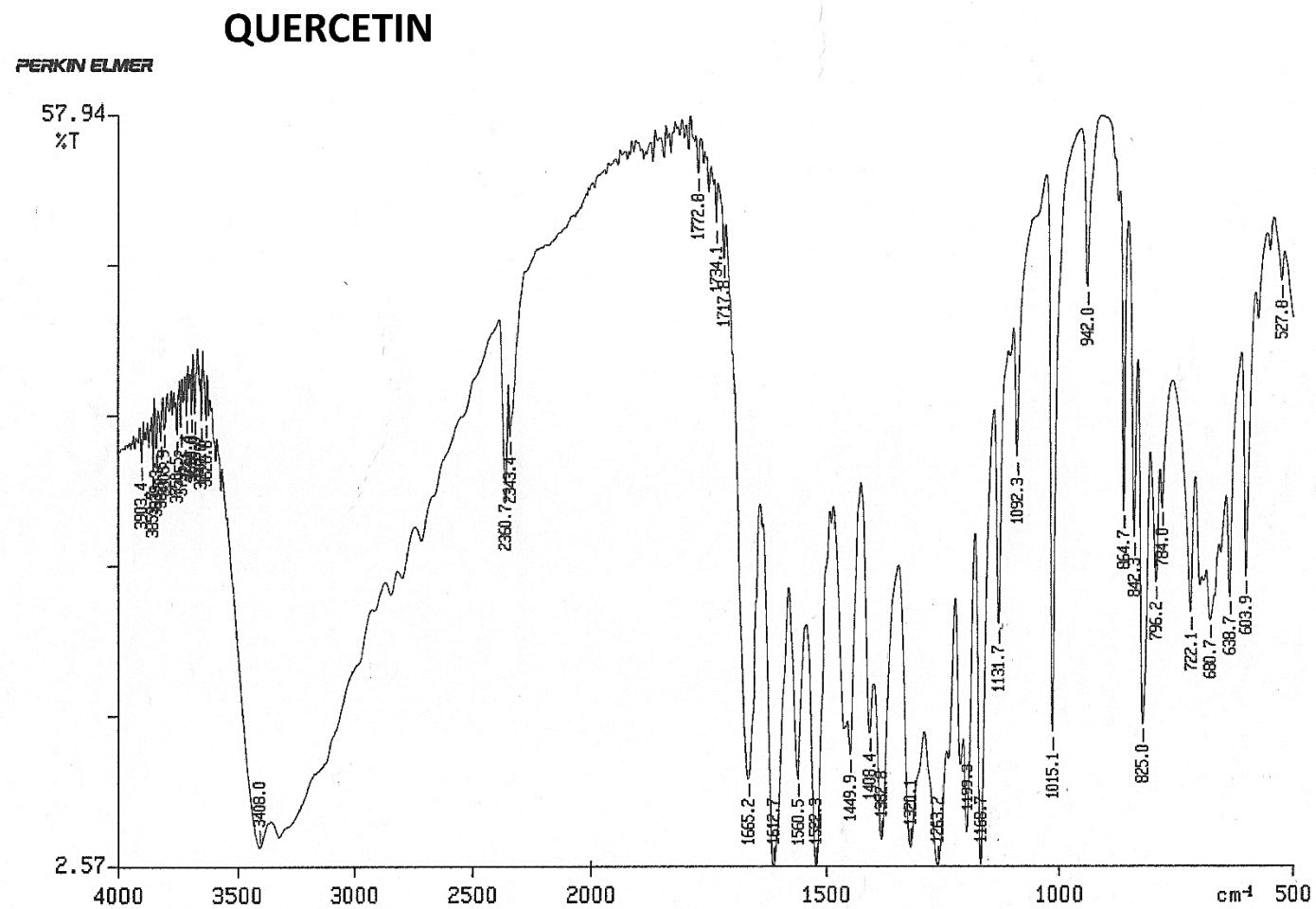


Figure S1. IR SPECTRUM OF PURE QUERCETIN

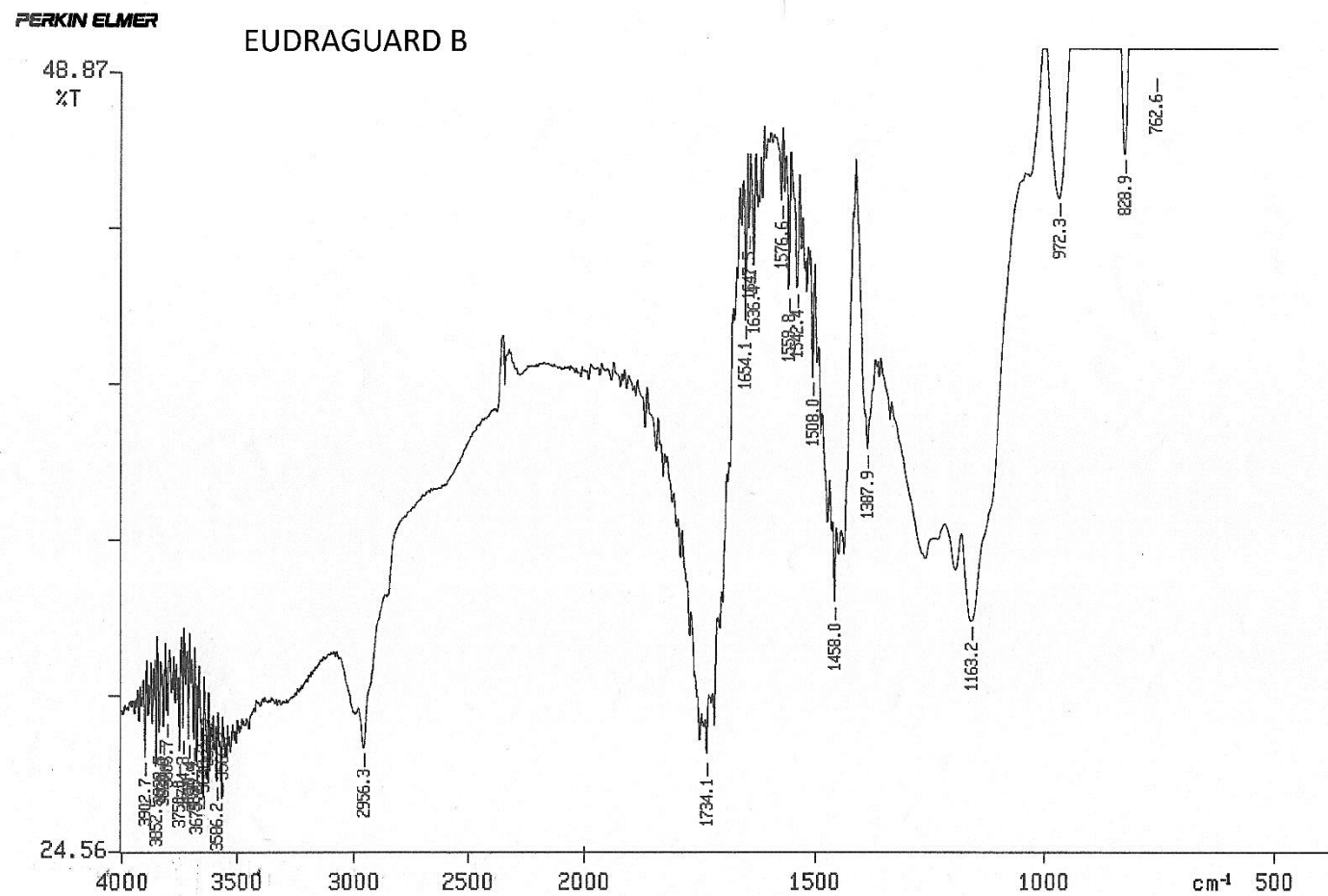


Figure S2. IR SPECTRUM OF DRIED EUDRAGUARD BIOTIC (EUG-B)

EUDRAGUARD CONTROL

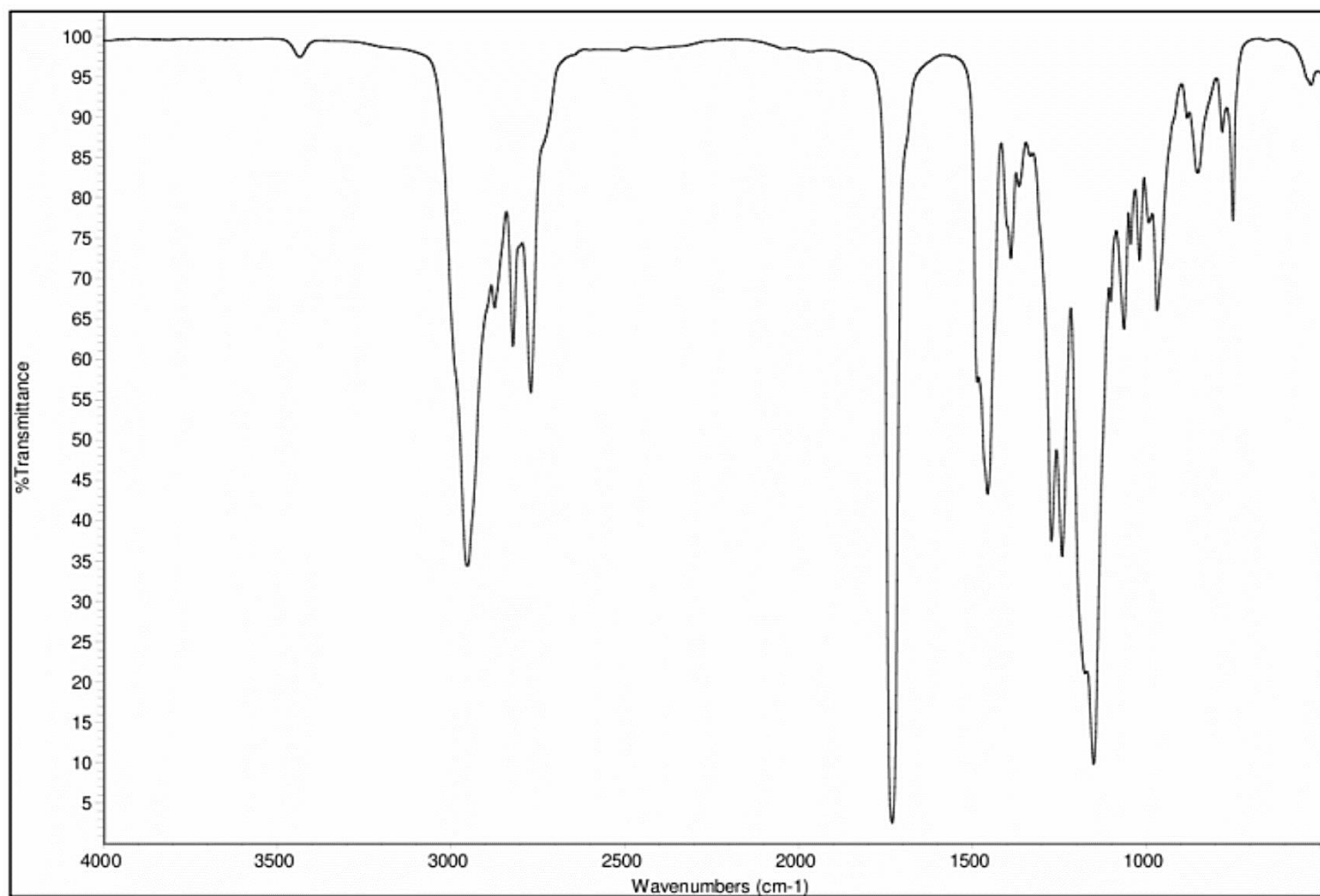


Figure S3. IR SPECTRUM OF COMMERCIAL EUDRAGUARD CONTROL (EUG-C) (source: Evonik website)

ESE MICROPARTICLES MADE BY EUDRAGUARD-C

PERKIN ELMER

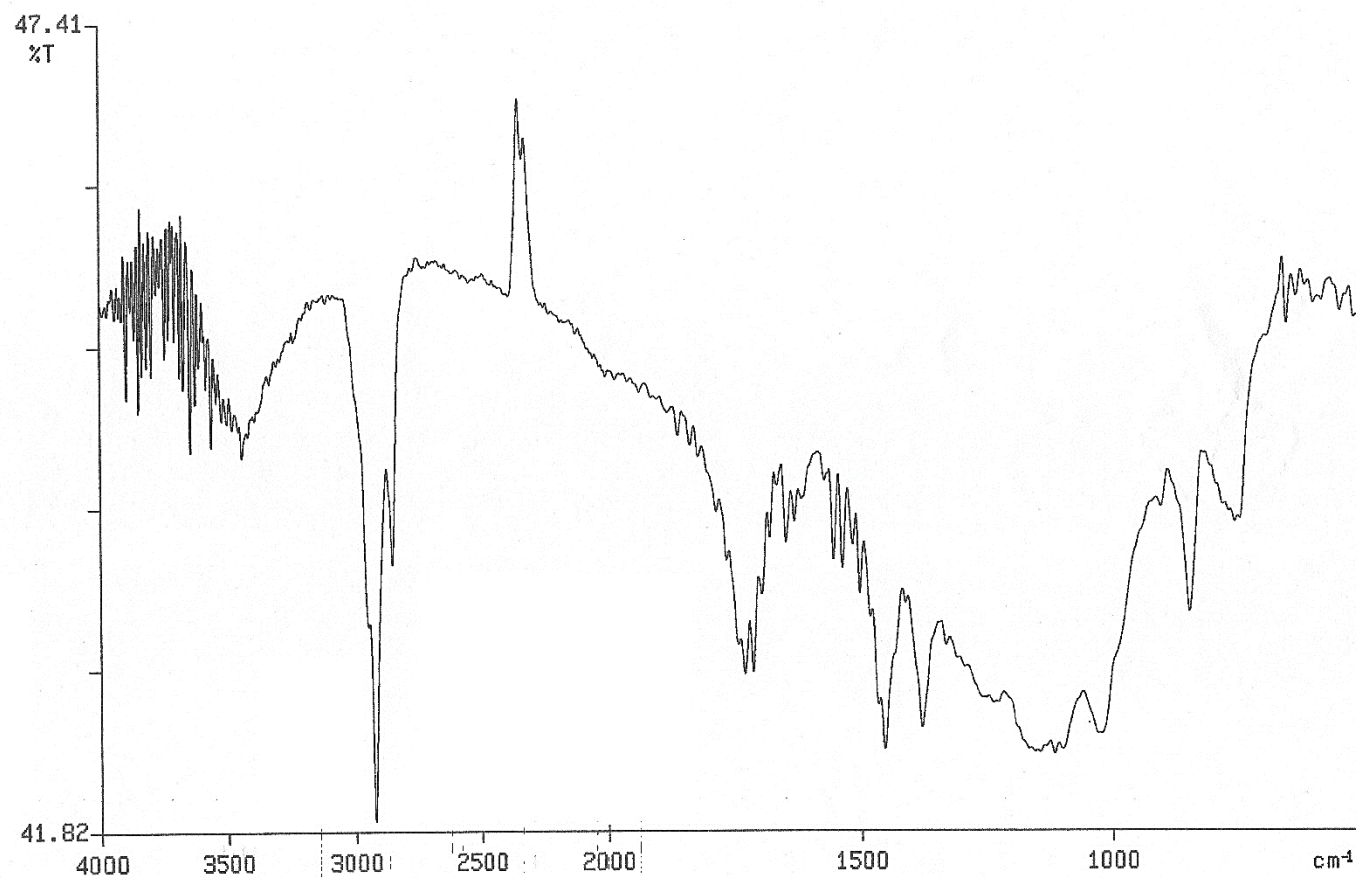


Figure S4. IR SPECTRUM OF BLANK ESE MICROPARTICLES MADE BY 100% EUDRAGUARD CONTROL

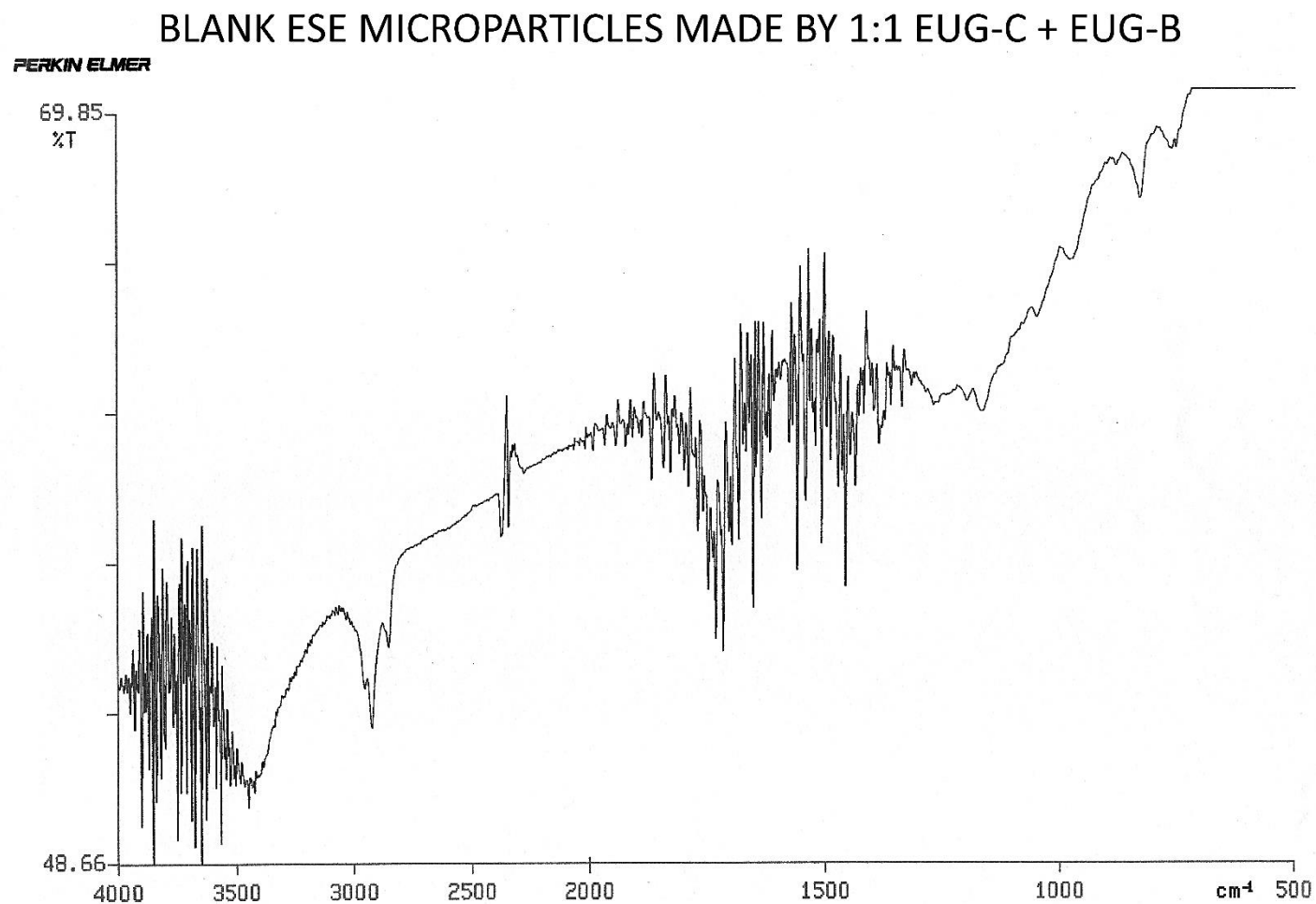


Figure S5. IR SPECTRUM OF BLANK ESE MICROPARTICLES MADE BY 50% EUDRAGUARD CONTROL AND 50% EUDRAGUARD BIOTIC

EUDRAGUARD-B ESE MICROPARTICLES LOADED WITH QUERCETIN (10:1, w/w)

PERKIN ELMER

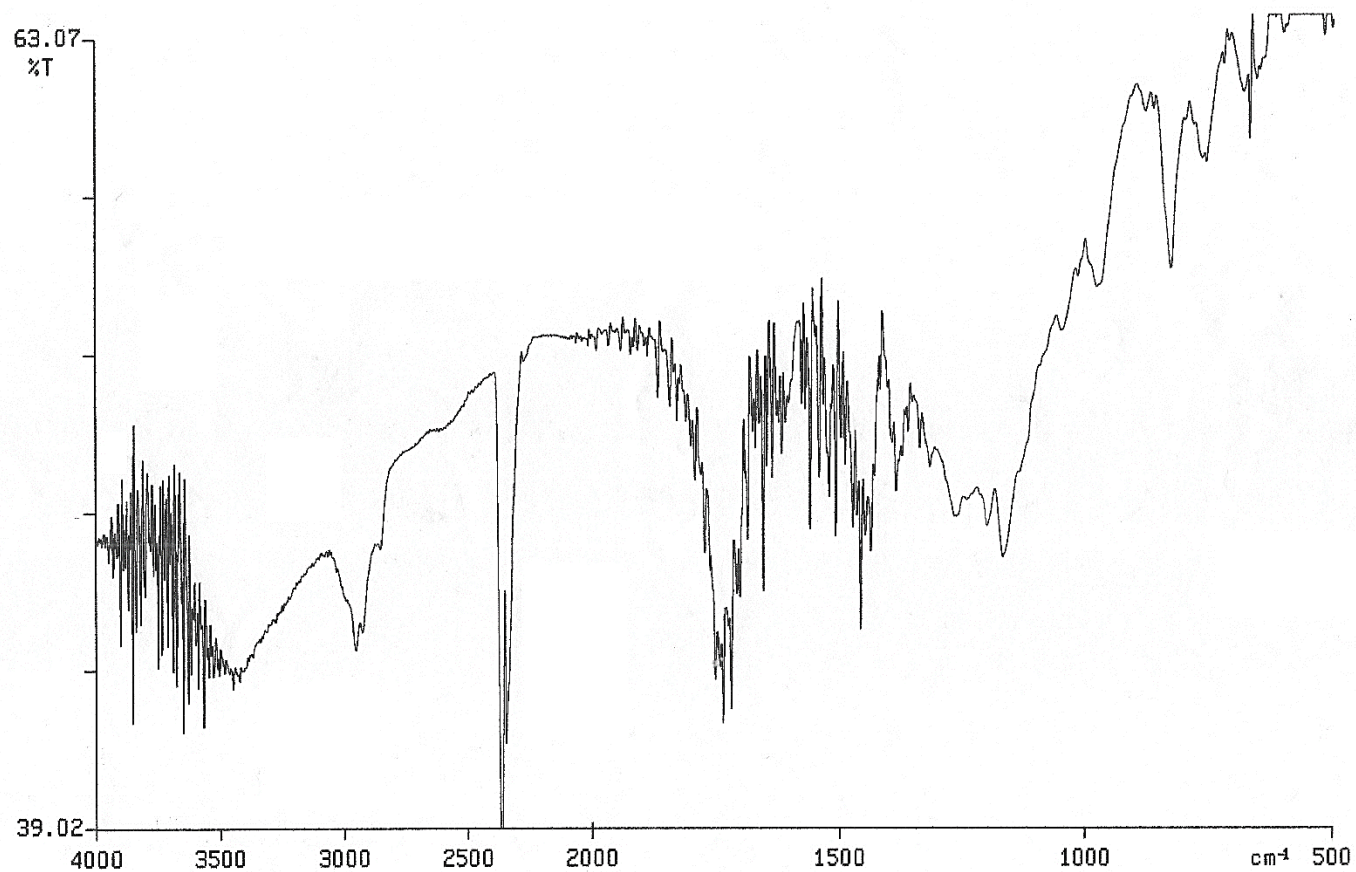


Figure S6. IR SPECTRUM OF EUDRAGUARD BIOTIC ESE MICROPARTICLES LOADED WITH QUERCETIN (1:10 DRUG-TO-POLYMER RATIO)

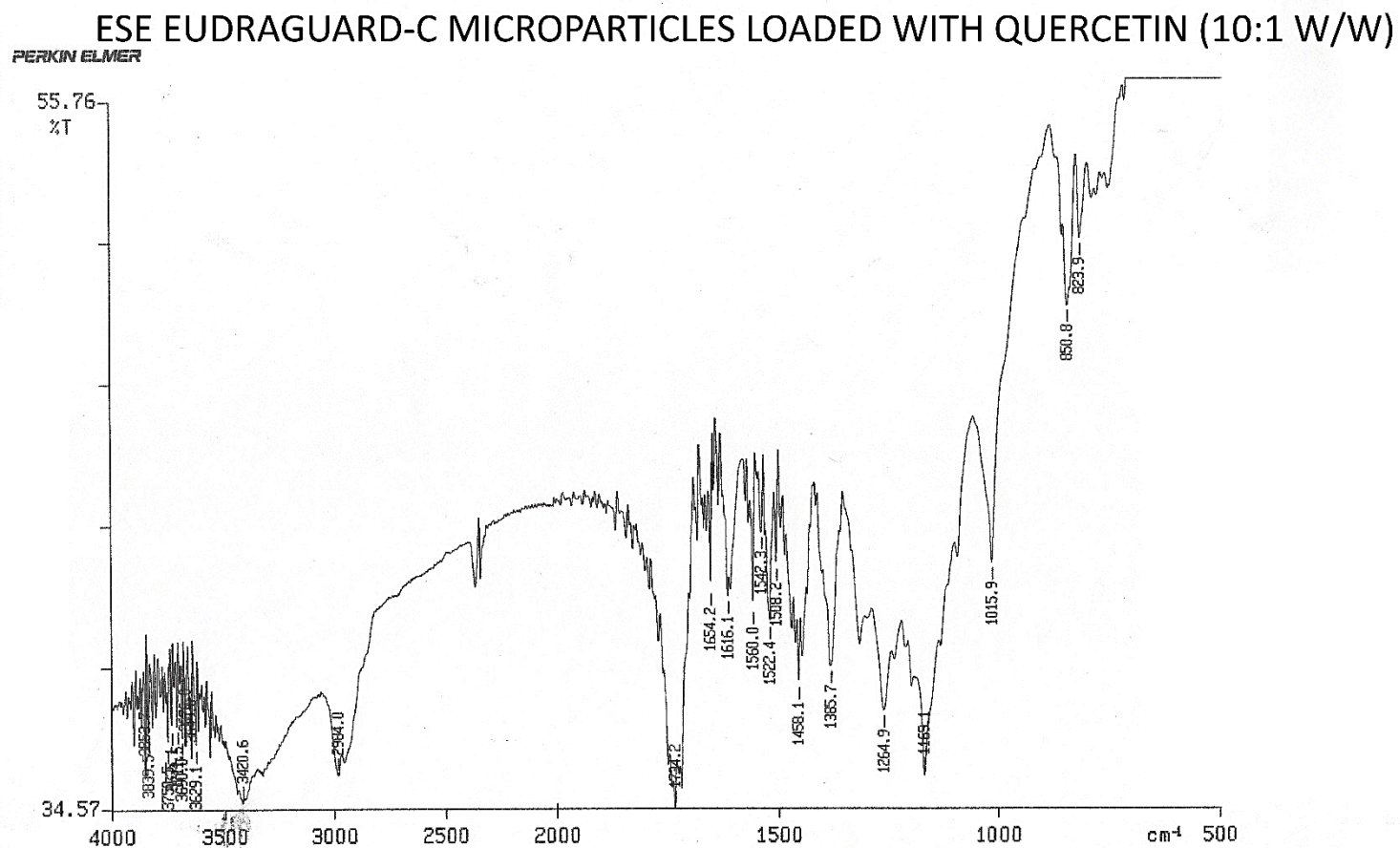


Figure S7. IR SPECTRUM OF EUDRAGUARD CONTROL ESE MICROPARTICLES LOADED WITH QUERCETIN (1:10 DRUG-TO-POLYMER RATIO)

EUDRAGUARD B+C (1:1) ESE MICROPARTICLES LOADED (10:1, w/w) WITH QUERCETIN

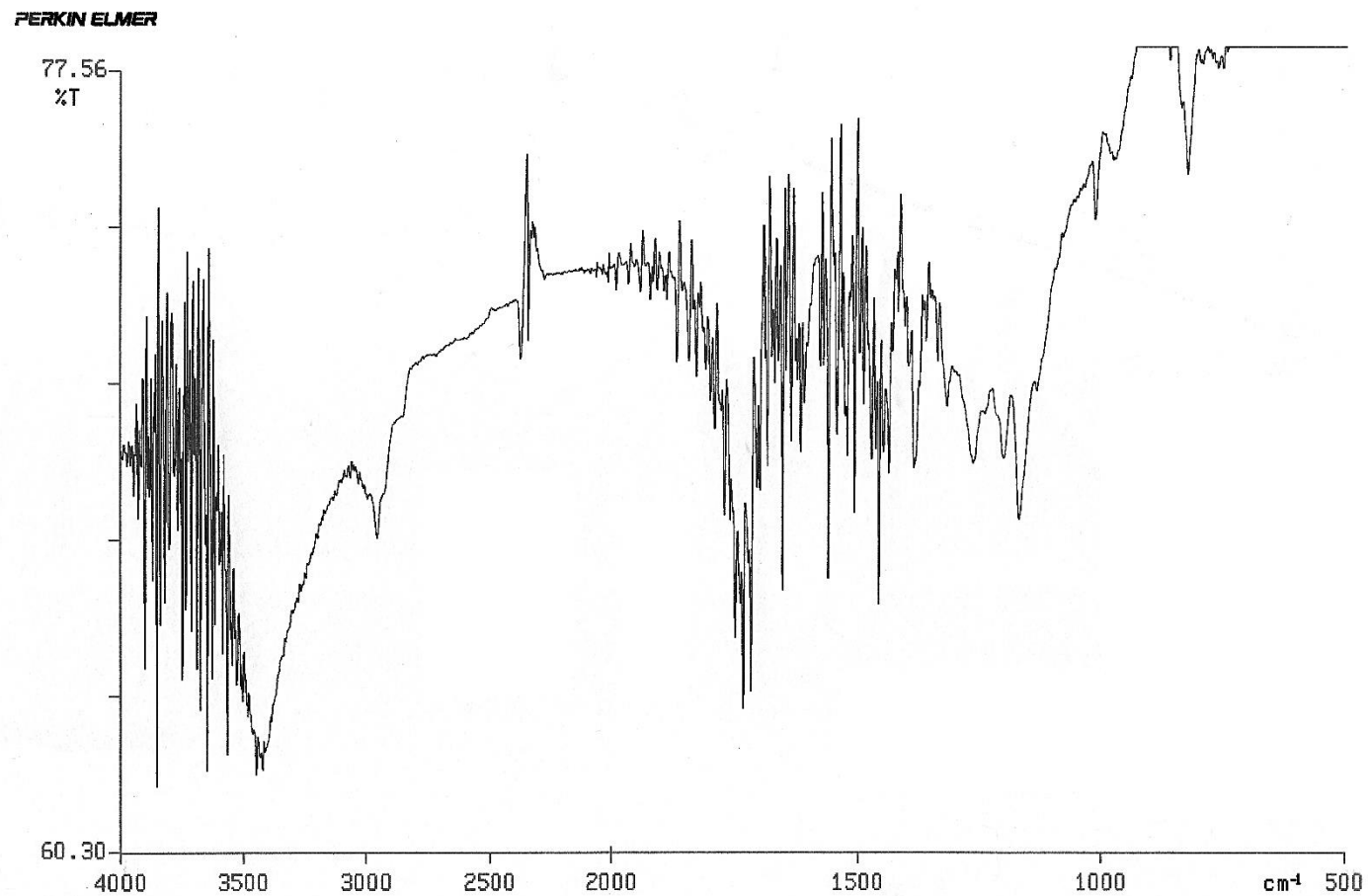


Figure S8 . IR SPECTRUM OF EUDRAGUARD BIOTIC/CONTROL (1:1, W/W) ESE MICROPARTICLES LOADED WITH QUERCETIN (1:10 DRUG-TO-POLYMER RATIO).

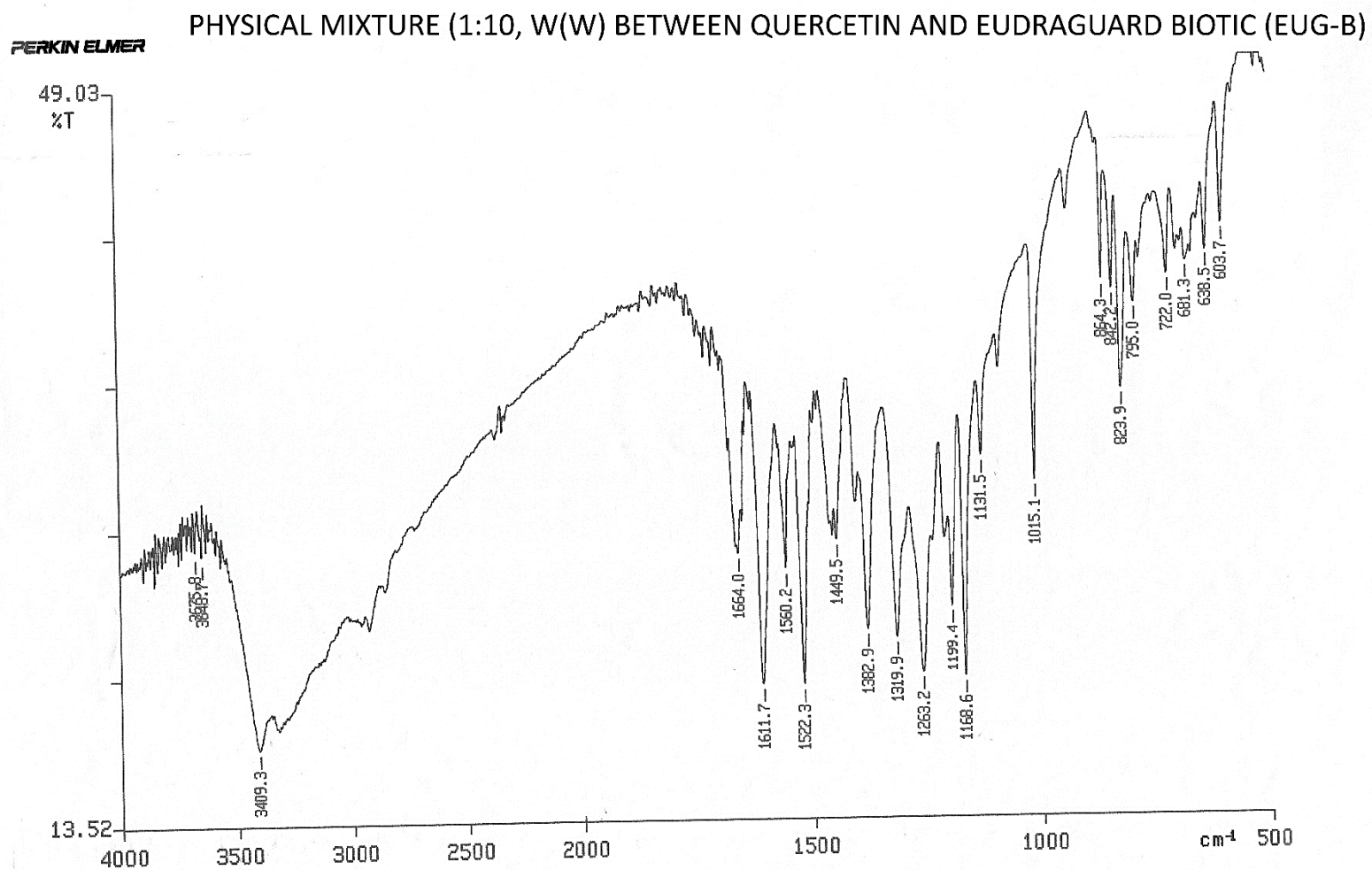


Figure S9. IR SPECTRUM OF AN 1:10 QUERCETIN-EUDRAGUARD BIOTIC PHYSICAL MIXTURE