

Supporting Information

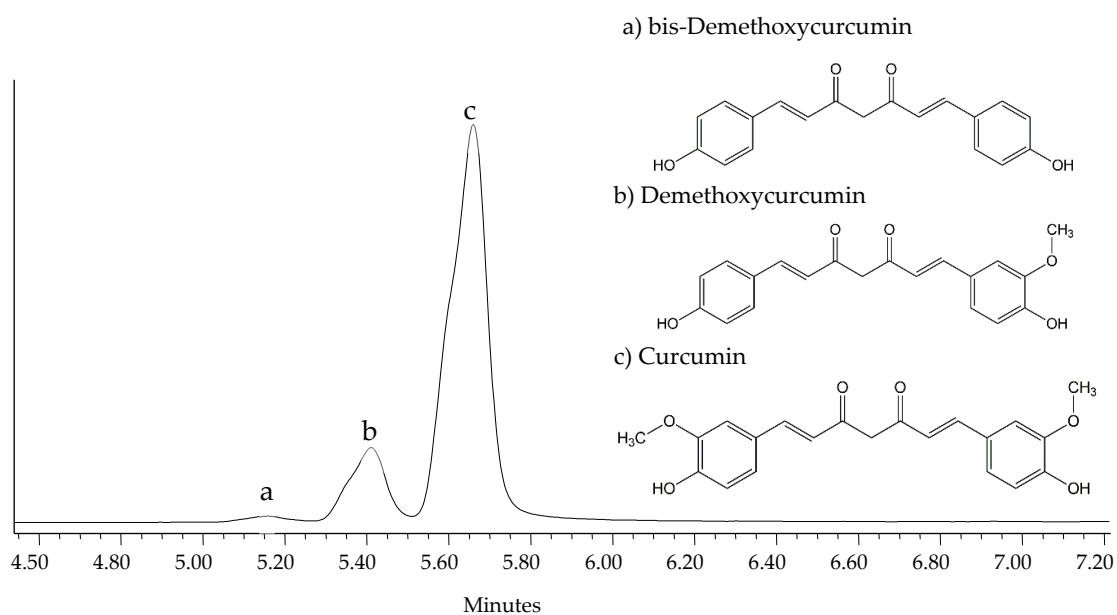


Figure S1. UPLC chromatogram of curcumin extract recorded at 445 nm. Inset: a) bis-Demethoxycurcumin, b) Demethoxycurcumin, c) Curcumin chemical structures.

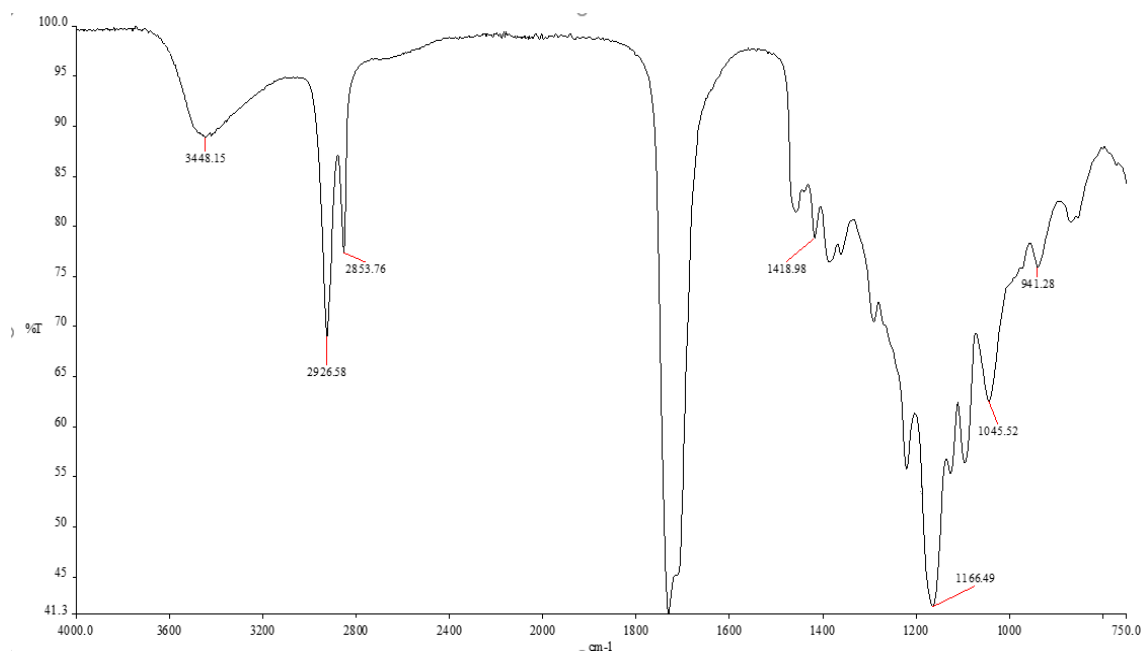


Figure S2. FT-IR spectrum of PGS

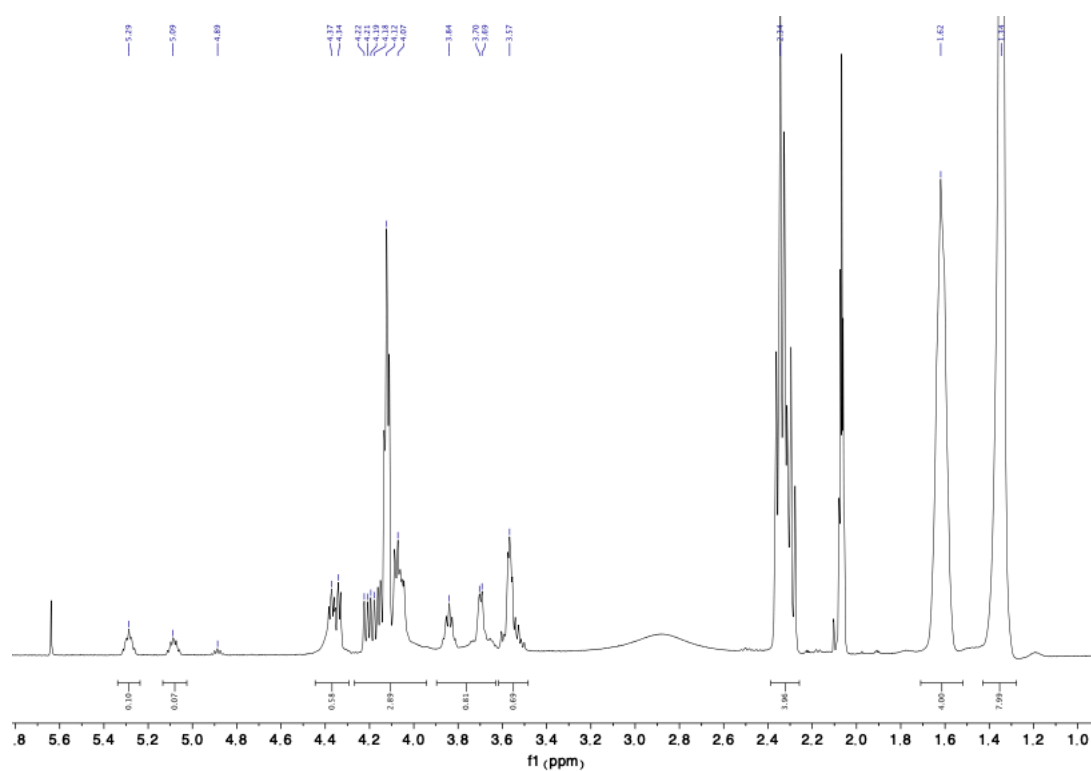


Figure S3. ¹H NMR spectrum of PGS

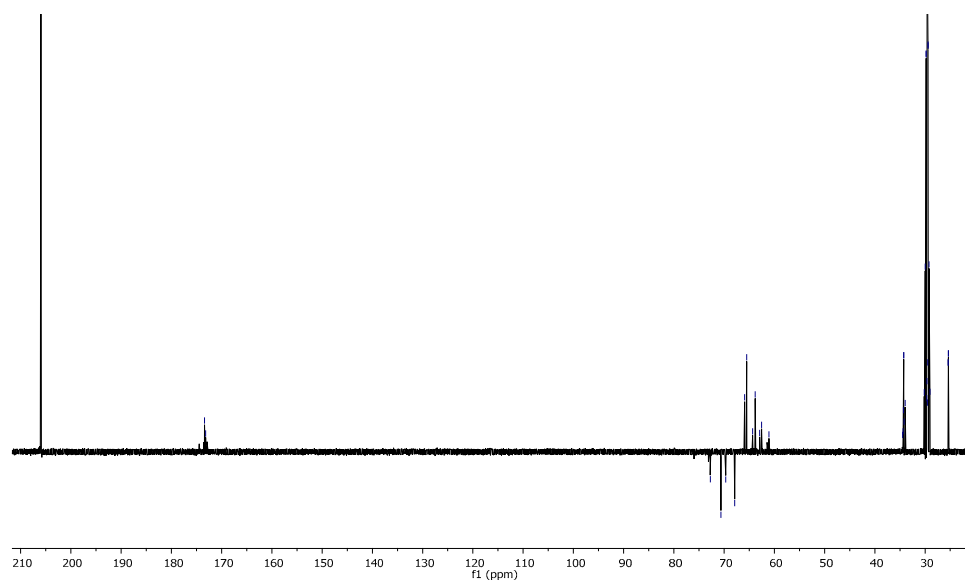


Figure S4. ¹³C APT NMR spectrum of PGS

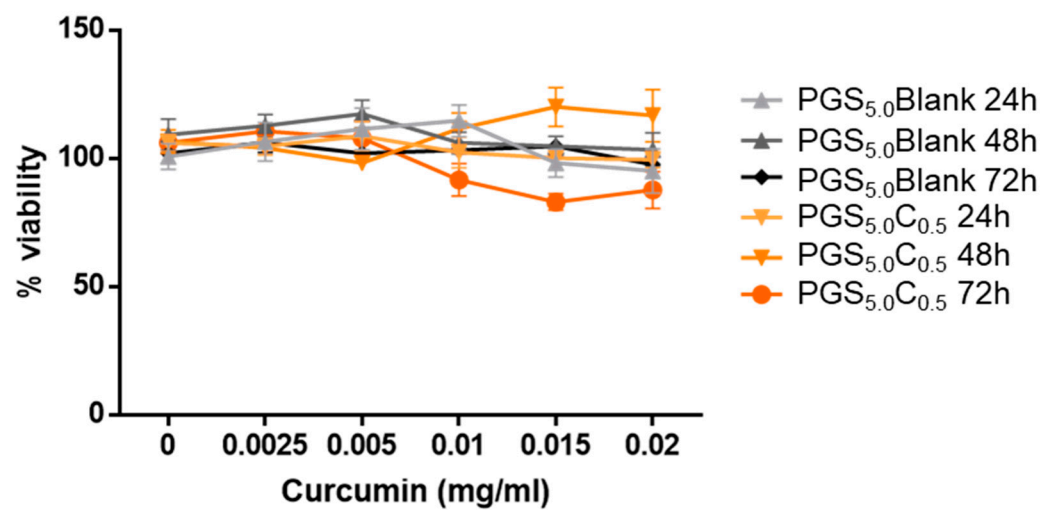


Figure S5. Cytotoxicity assay in NIH-3T3 cells with different concentrations of PGS_{5.0}Blank and PGS_{5.0}C_{0.5} dissolved in sterile dH₂O