

Supplementary file 1

Total flavonoid and phenolic contents, xanthine oxidase inhibition, antioxidant and anti-inflammatory activities of ethanolic and aqueous extracts of the *Ya-Tom-Kae-Ka-Sai-Sen* remedy, a traditional Thai medicine

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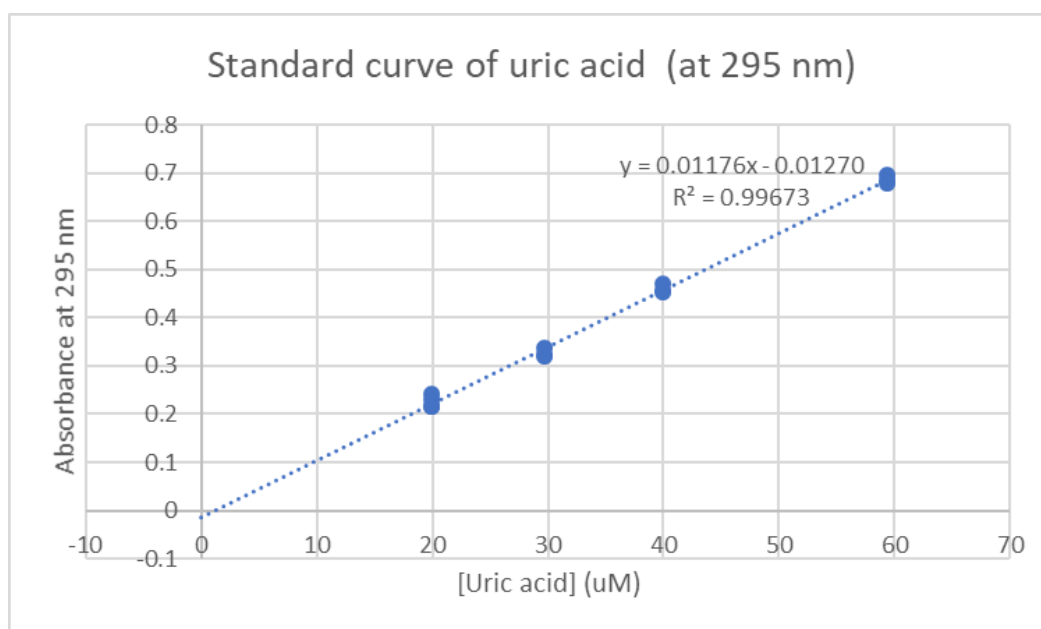


Figure S1. Standard curve of uric acid






Extract	Image	Physical Charateristics
KS95ER		Very viscous dark brown liquid
KS95EM		
KS50ER		
KS50EM		
KSWR		Yellow powdery solid

Figure S2. Images and physical characteristics of *Ya-Tom-Kae-Ka-Sai-Sen* (KS) extracts prepared using different solvents and extraction methods: KS95ER (95% ethanol, reflux),

KS95EM (95% ethanol, maceration), KS50ER (50% ethanol, reflux), KS50EM (50% ethanol, maceration), and KSWR (water, reflux).

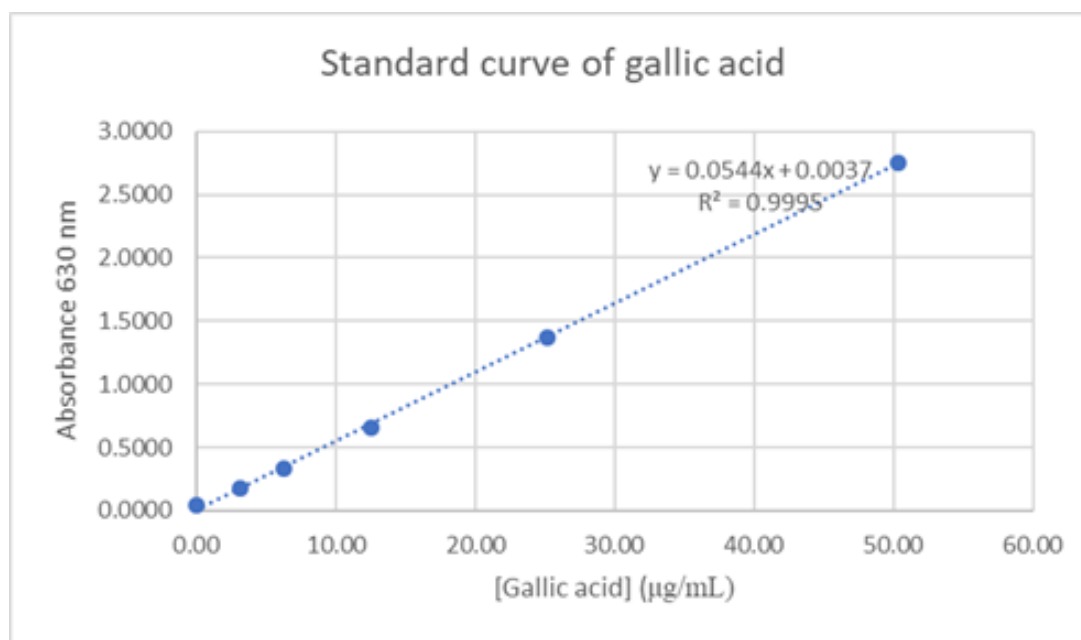


Figure S3. Standard curve of gallic acid

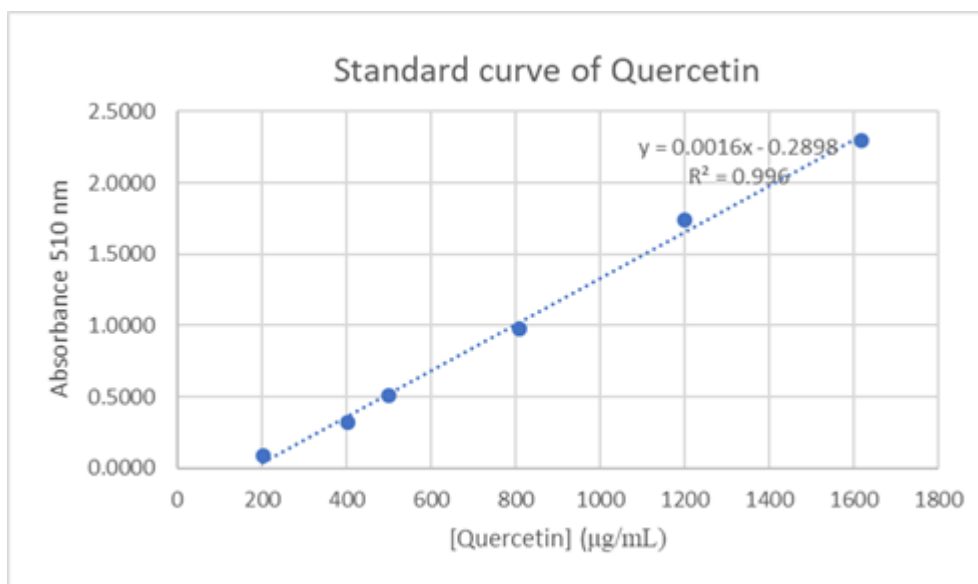


Figure S4. Standard curve of quercetin

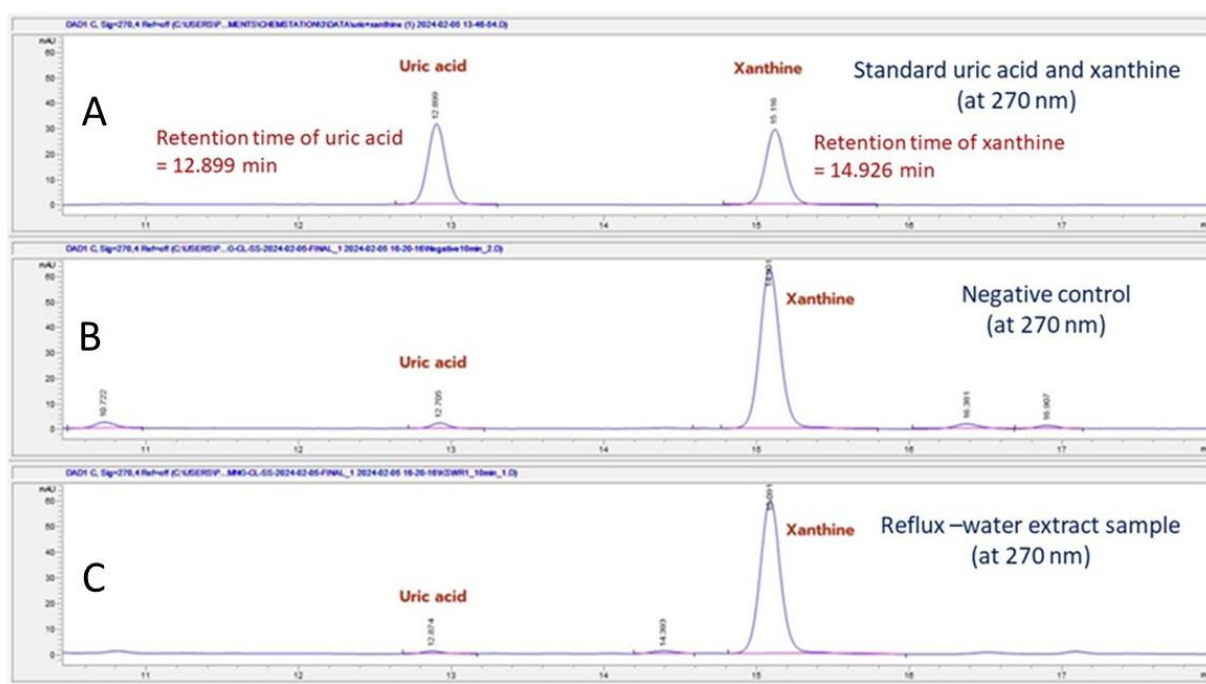


Figure S5: HPLC chromatograms at 270 nm of A. uric acid and xanthine, B. xanthine oxidase – xanthine reaction without KS extract and C. xanthine oxidase – xanthine reaction with KSWR (reflux, water) extract