

SUPPLEMENTARY MATERIALS

Application of TGA/c-DTA for Distinguishing Between Two Forms of Naproxen in Pharmaceutical Preparations

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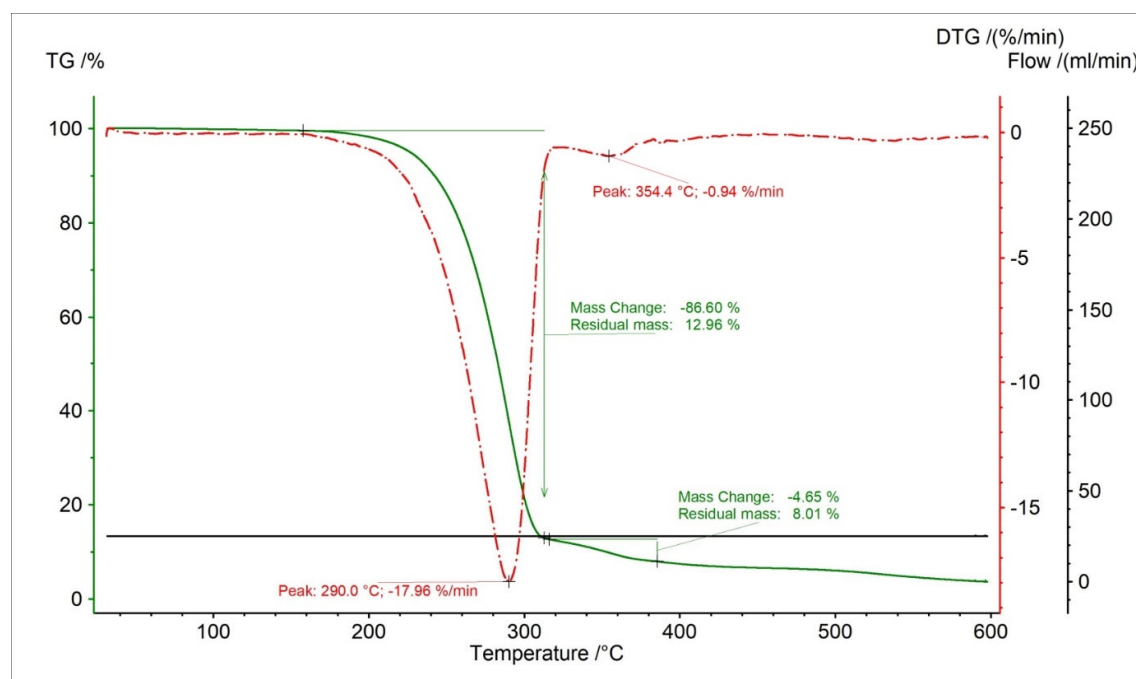


Figure S1. TG (green) and DTG (reed) curves of naproxen acid standard (NAS).

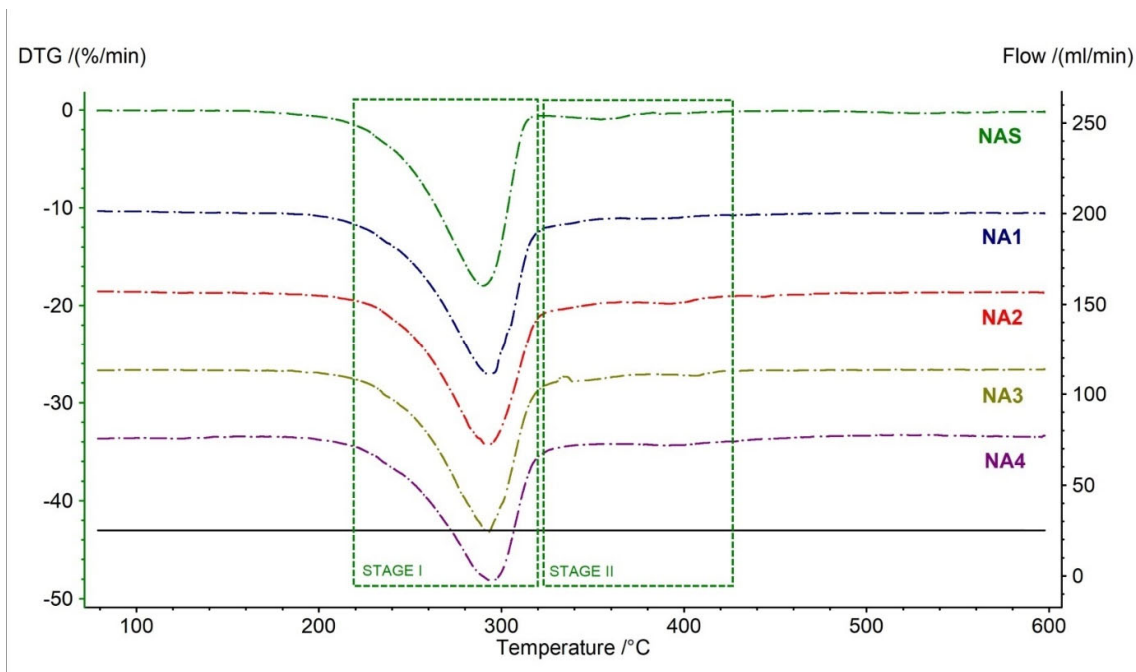


Figure S2. DTG curves of naproxen acid standard (NAS), and pharmaceutical preparations containing naproxen acid (NA1-NA4). The green frame shows the stages of decomposition related to the API.

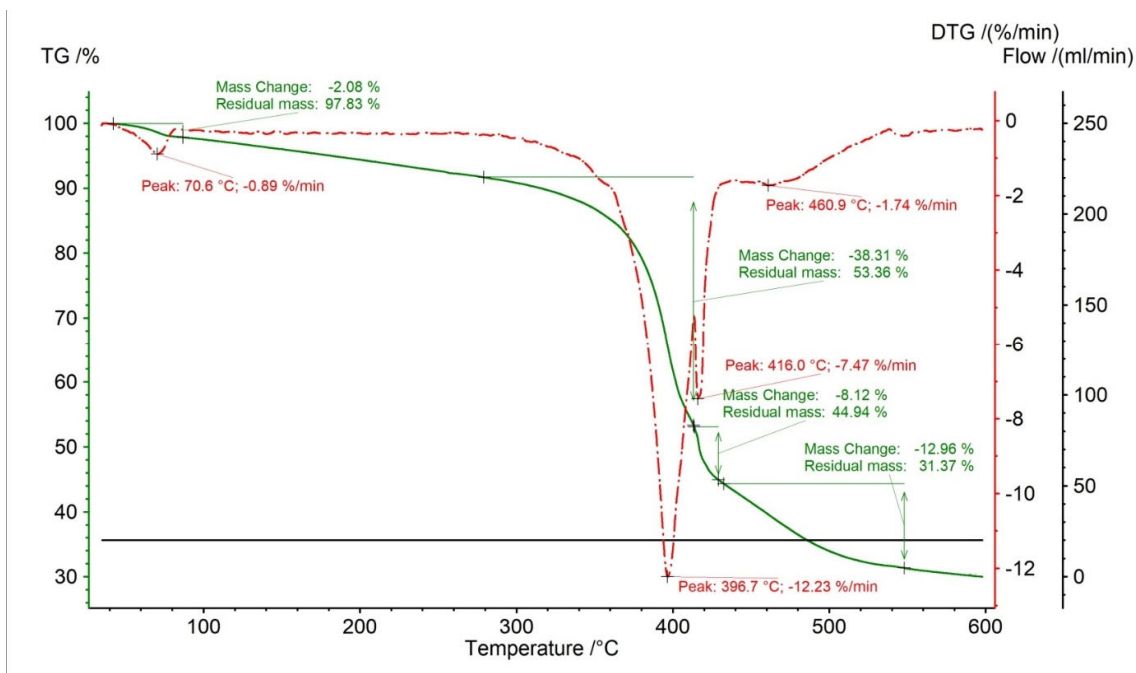


Figure S3. TG (green) and DTG (red) curves of naproxen sodium standard (NSS).

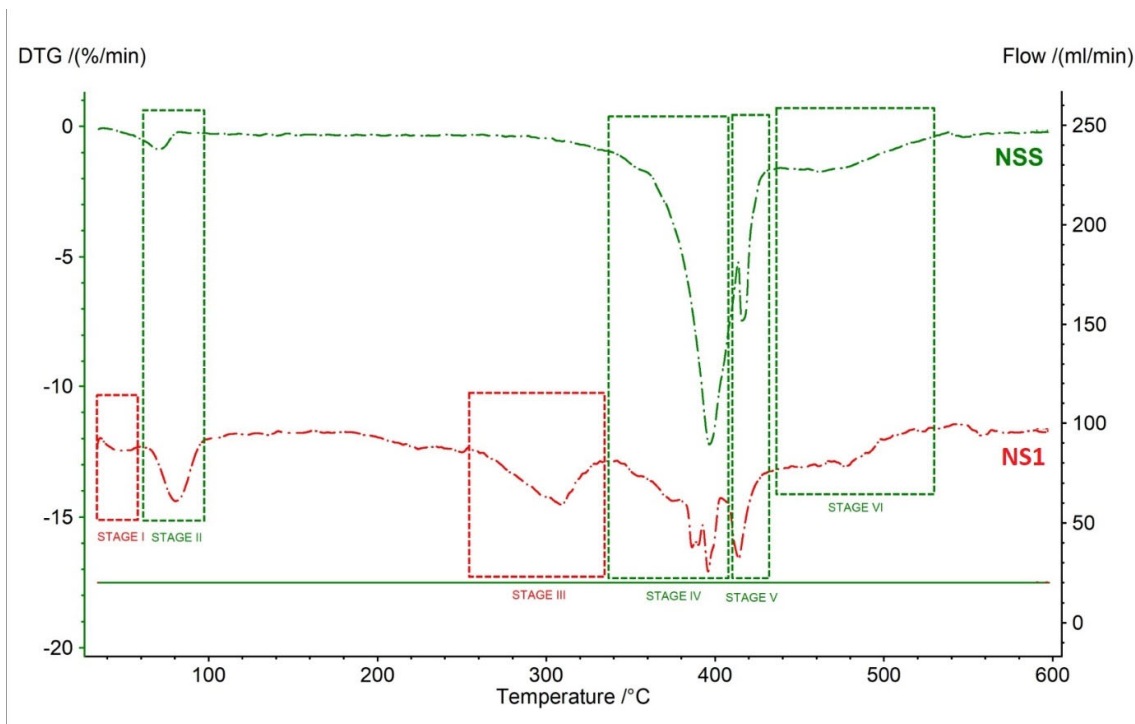


Figure S4. DTG curves of naproxen sodium standard (NSS), and pharmaceutical preparation containing naproxen sodium (NS1). The green frame shows the stages of decomposition related to the API, and the red frame - is associated with the excipient.

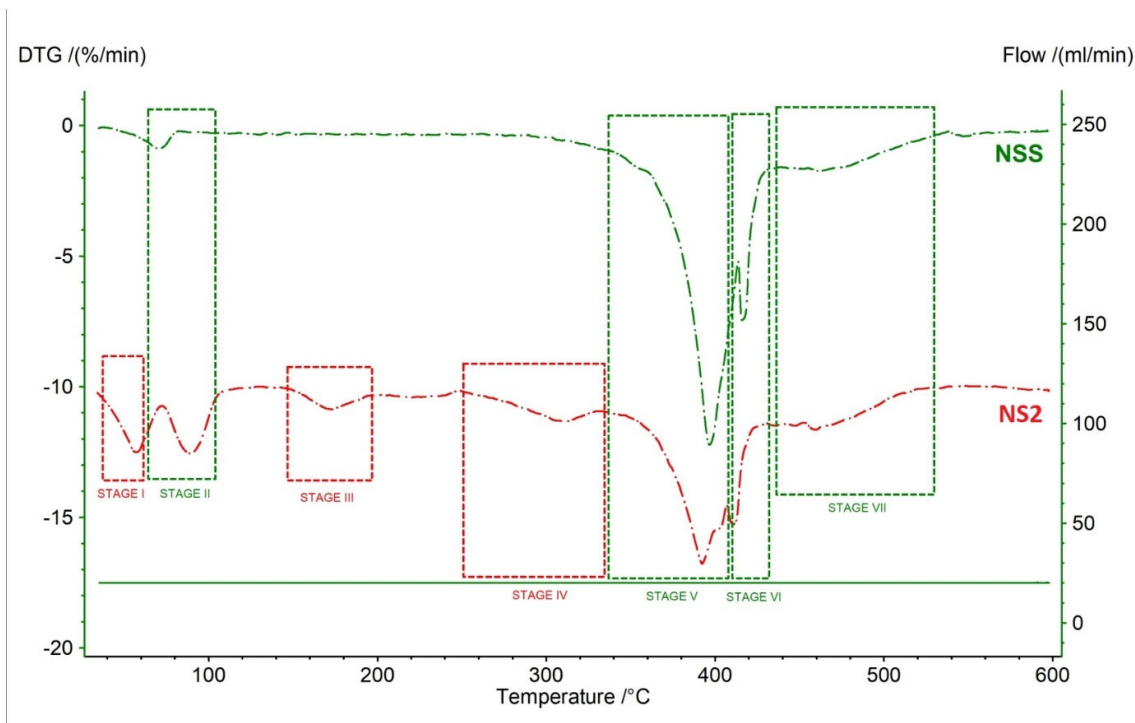


Figure S5. DTG curves of naproxen sodium standard (NSS), and pharmaceutical preparation containing naproxen sodium (NS2). The green frame shows the stages of decomposition related to the API, and the red frame - is associated with the excipient.

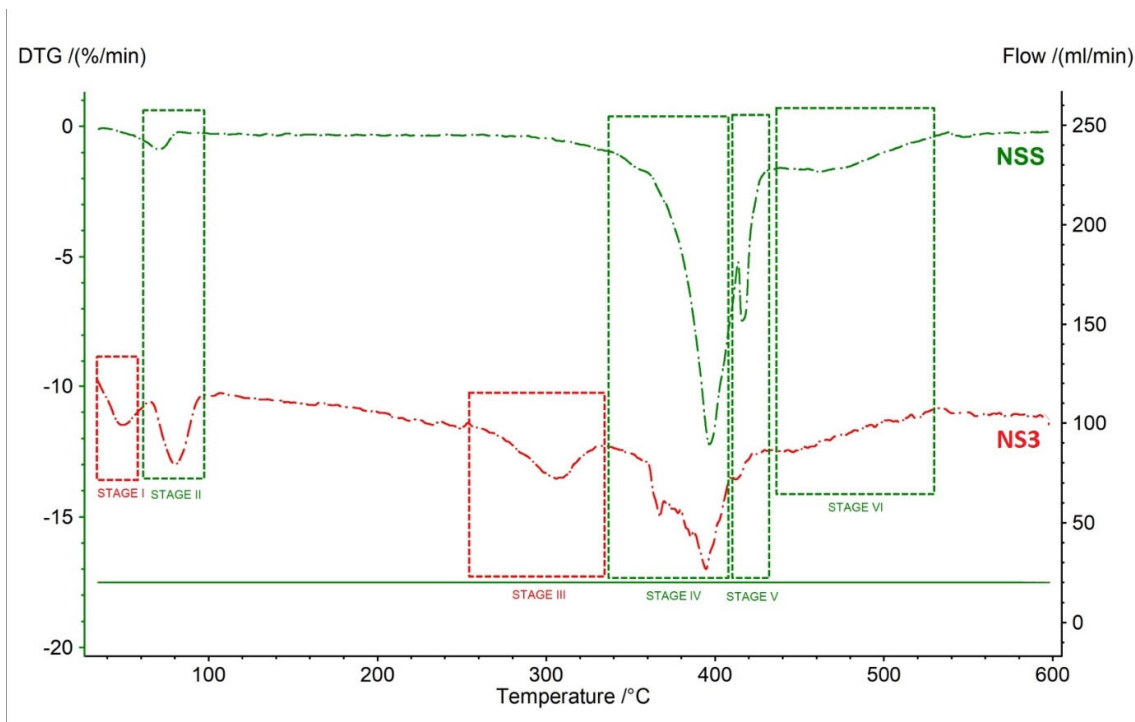


Figure S6. DTG curves of naproxen sodium standard (NSS), and pharmaceutical preparation containing naproxen sodium (NS3). The green frame shows the stages of decomposition related to the API, and the red frame - is associated with the excipient.

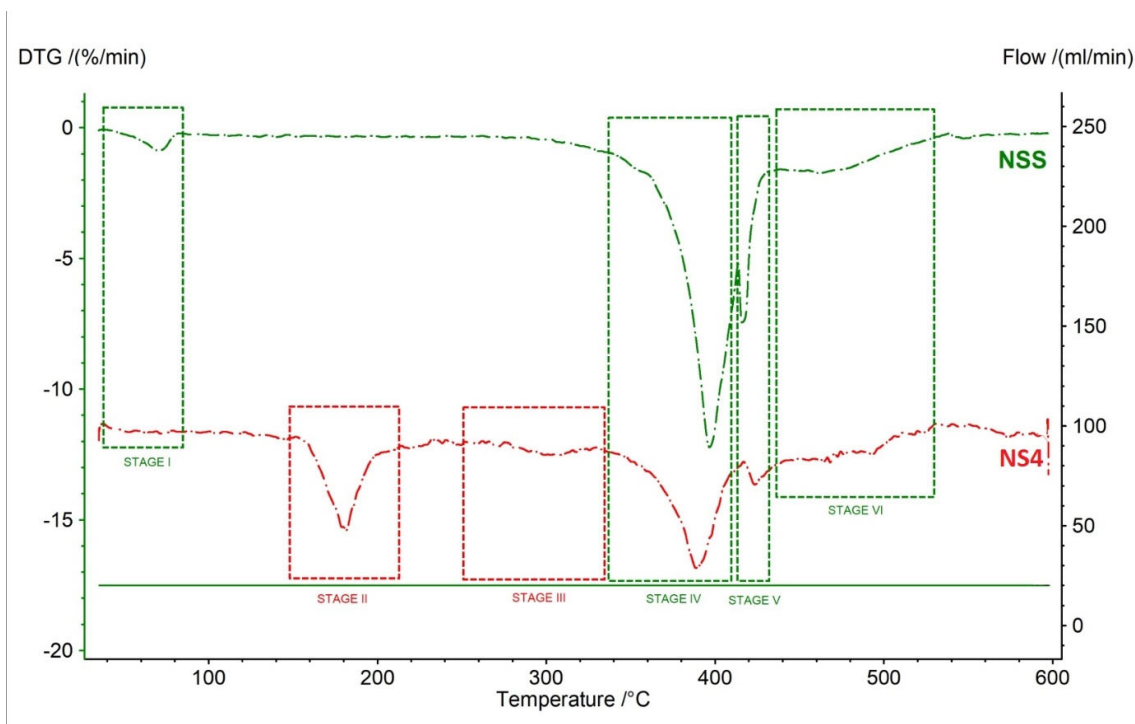


Figure S7. DTG curves of naproxen sodium standard (NSS), and pharmaceutical preparation containing naproxen sodium (NS4). The green frame shows the stages of decomposition related to the API, and the red frame - is associated with the excipient.

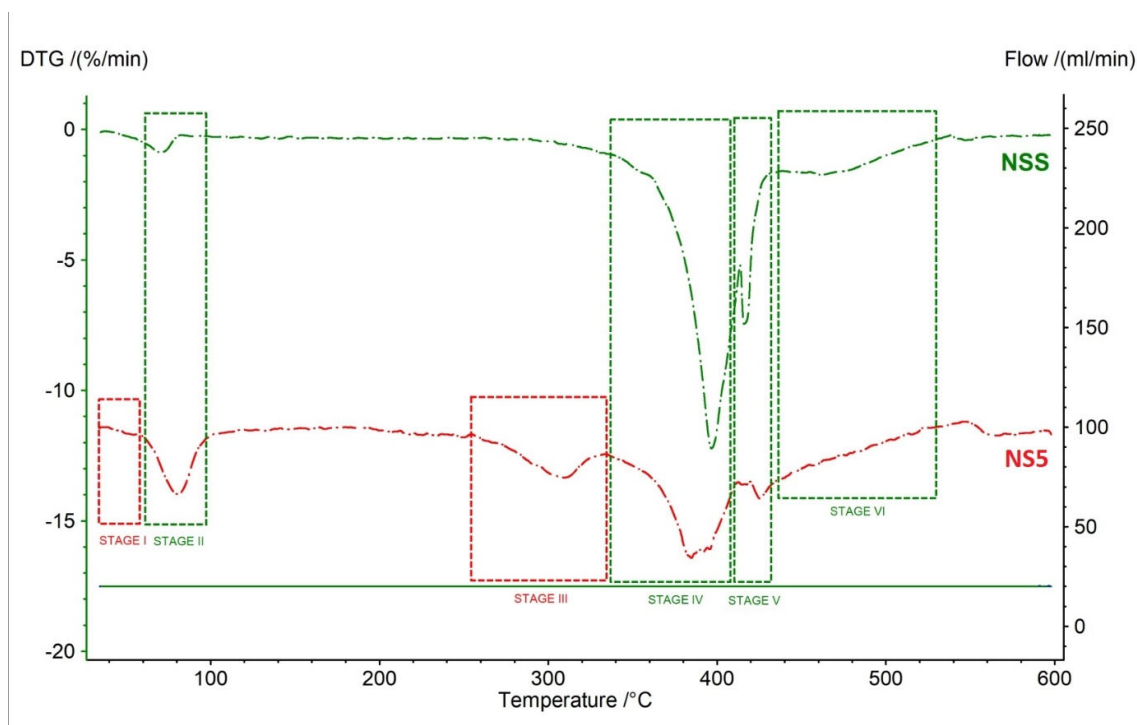


Figure S8. DTG curves of naproxen sodium standard (NSS), and pharmaceutical preparation containing naproxen sodium (NS5). The green frame shows the stages of decomposition related to the API, and the red frame - is associated with the excipient.