

Analytical and Bioanalytical Chemistry

Electronic Supplementary Material

**Metabolomic profiling and comparison of major cinnamon species using
UHPLC–HRMS**

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Table S1. Summary of USP monographs on identification of *C. cassia* and *C. verum* barks using different assays. Thin-layer chromatography (TLC) methods were not included in the table

Analysis	<i>C. cassia</i> bark	<i>C. verum</i> bark
HPLC - Content of phenylpropanoids and coumarin	<p>Cinnamaldehyde: 0.90% – 3.60% on the anhydrous basis</p> <p>Cinnamic acid: 0.030% – 0.10% on the anhydrous basis</p> <p>Coumarin: 0.17% – 0.60% on the anhydrous basis</p>	<p>Cinnamaldehyde: 0.75% – 3.0% on the anhydrous basis</p> <p>Cinnamic acid: ≤ 0.030% on the anhydrous basis</p> <p>Coumarin: ≤ 0.17% on the anhydrous basis</p>
Folin-Ciocalteu Assay - Total phenolic content	Total phenolic content: ≥ 80 mg gallic acid equivalent per g on the anhydrous basis	Total phenolic content: ≥ 100 mg gallic acid equivalent per g on the anhydrous basis
GC - Content of eugenol	NA	Eugenol: 0.015% – 0.40%