

**Comprehensive evaluation of methylxanthines and phenolic compounds in Bahia's Guarana  
(*Paullinia cupana*), Brazil: implications for variety selection and by-product utilization**

**Supplementary material**

**Supplementary Table S1.** Limits of detection (LOD) and quantification (LOQ) for theobromine, theophylline, catechin, caffeine, and epicatechin.

<b>Compound</b>	<b>LOD (mg L<sup>-1</sup>)</b>	<b>LOQ (mg L<sup>-1</sup>)</b>
Theobromine	0.04	0.13
Theophylline	0.01	0.03
Catechin	0.24	0.79
Caffeine	0.07	0.23
Epicatechin	0.02	0.07