

Table S1: Phenolic Composition of Black Tea Extract (BTE) and Red Wine-Grape juice Extract (RWGE)

| Compound | BTE (mg/g) | RWGE (mg/g) |
|--|---------------|----------------|
| (-) Epicatechin | 3.54 | 8.15 |
| (-) Epicatechingallate (ECG) | 8.92 | 0.96 |
| (+) Catechin | 1 | 8.61 |
| (-) Epigallocatechin (EGC) | 2.12 | 0.14 |
| (-) Epigallocatechingallate (EGCG) | 9.12 | ND |
| Galocatechin | 2.51 | 0.43 |
| Procyanidin dimers+trimers | ND | 11.98 |
| <i>Total Catechins</i> | 27.2 | 30.25 |
| Theaflavin | 1.91 | ND |
| Theaflavin 3-gallate | 1.98 | ND |
| Theaflavin 3'-gallate | 1.49 | ND |
| Theaflavin 3,3' digallate | 1.89 | ND |
| <i>Total Theaflavins</i> | 7.27 | ND |
| trans-Resveratrol | ND | 0.23 |
| <i>Total Anthocyanins</i> | ND | 89.60 |
| <i>Total Flavonols</i> | ND | 6.37 |
| <i>Total Flavonoids</i> | 211.6 | ND |
| Gallic acid | 9.85 | 1.65 |
| Caffeic acid | ND | 0.95 |
| p-Coumaric acid | ND | 0.60 |
| Ferulic acid | ND | 0.08 |
| Protocatechuic acid | ND | 0.51 |
| p-Hydroxybenzoic acid | ND | 0.16 |
| Vanillic acid | ND | 0.33 |
| Syringic acid | ND | 1.01 |
| Caftaric acid | ND | 0.46 |
| Coutaric acid | ND | 0.55 |
| Fertaric acid | ND | 0.45 |
| Ellagic acid | ND | 0.22 |
| Chlorogenic acid | ND | 0.03 |
| <i>Total Phenolic acids (identified)</i> | ND | 7.00 |
| <i>Total Phenolics (identified)</i> | 290.40 | 170.71 |

ND= not determined; BTE: black tea extract (Unilever China); RWGE: (2:1) dry mix of red wine extract (Provinols, Seppic)+ grape juice extract (Meganatural, Polyphenolics).