

**Table S1.** The monomer components of catechin in tea extracts and GTPs (%).

Tea extracts	GC	EGC	C	EC	GCG	EGCG	ECG
Green tea	1.21±0.05 <sup>a</sup>	2.88±0.06 <sup>a</sup>	1.10±0.03 <sup>a</sup>	0.35±0.04 <sup>a</sup>	2.88±0.07 <sup>a</sup>	10.80±0.09 <sup>a</sup>	2.02±0.05 <sup>a</sup>
Oolong tea	1.35±0.04 <sup>a</sup>	1.61±0.03 <sup>b</sup>	0.55±0.01 <sup>b</sup>	ND	2.13±0.07 <sup>b</sup>	4.72±0.24 <sup>b</sup>	0.78±0.01 <sup>b</sup>
Black tea	0.88±0.03 <sup>b</sup>	ND	ND	ND	0.28±0.08 <sup>c</sup>	0.52±0.04 <sup>d</sup>	ND
Fuzhuan tea	0.42±0.02 <sup>c</sup>	0.79±0.13 <sup>c</sup>	ND	0.14±0.08 <sup>b</sup>	ND	0.86±0.06 <sup>c</sup>	ND

Note: Data are presented as mean ± SD (n=3). Epigallocatechin-3-gallate (EGCG), epigallocatechin (EGC), epicatechin-3-gallate (ECG), epicatechin (EC), gallocatechin-3-gallate (GCG), gallocatechin (GC), catechin (C). Values with different letters differ from each other significantly ( $p < 0.05$ ). ND means not detected.