

Table S1. Sensory quality scores of the green tea **products**.

Sample	Dry tea color (10%)	Dry tea streak (10%)	Liquor color (10%)	Aroma (30%)	Flavor (30%)	Infused leaves (10%)	Total score
CK	85.4±0.4 c	85.0±0.8 a	79.6±1.2 c	84.9±1.0 c	81.1±1.3 c	83.4±0.7 d	83.1±0.2 c
LTD	87.1±0.7 b	85.2±0.4 a	81.4±0.4 b	85.4±1.0 c	80.5±1.0 c	86.0±0.9 b	83.5±0.6 c
LTY	85.0±0.8 c	85.2±0.3 a	80.4±1.0 bc	89.6±1.0 a	86.2±0.9 a	84.5±0.8 c	86.3±0.2 a
LTCD	89.0±0.8 a	85.3±0.4 a	85.2±1.4 a	86.6±0.7 b	82.1±0.7 b	88.5±1.0 a	85.4±0.4 b

Note: Data are presented as mean ± standard deviation. Different lowercase letters in the same column indicate the least significant difference (**Tukey's HSD test**, $P < 0.05$) within green tea **products**.