Supplementary Table

Table S1 Antioxidant activities of purified and standard canthaxanthin compared with ascorbic acid and Trolox (DPPH assay)

Sample	DPPH activity at maximum concentration of test (%)	IC_{50} value
Purified canthaxanthin	11.23 ± 0.25	> 0.4 mg/mL
Standard canthaxanthin	11.84 ± 3.89	> 0.4 mg/mL
Ascorbic acid	96.21 ± 1.14	1.97 μg/mL
Trolox	95.48 ± 1.86	2.64 μg/mL

Maximum concentration of test: Purified canthaxanthin (0.4 mg/mL), standard canthaxanthin (0.4 mg/mL), ascorbic acid (4 μg/mL), and Trolox (5 μg/mL).