

Antioxidant Capacity of Carotenoid Extracts from the Haloarchaeon *Halorhabdus utahensis*

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Table S1. Antioxidant activity of ascorbic acid, Trolox and BHT measured by FRAP assay, and related calibration curves.

Ascorbic acid (μg)	$A_{593\text{nm}}$
0.25	0.042 ± 0.004
0.5	0.074 ± 0.003
1.0	0.150 ± 0.006
2.0	0.316 ± 0.005
5.0	0.787 ± 0.008

Calibration curve: $A_{593\text{nm}} = 0.1572 \mu\text{g}$ $r^2 = 0.9998$

BHT (μg)	$A_{593\text{nm}}$
5.00	0.017 ± 0.002
50.0	0.116 ± 0.021
100.0	0.240 ± 0.020
200.0	0.535 ± 0.052

Calibration curve: $A_{593\text{nm}} = 0.0026 \mu\text{g}$ $r^2 = 0.9945$

Trolox (μg)	$A_{593\text{nm}}$
1.0	0.066 ± 0.006
2.5	0.224 ± 0.010
5.0	0.49 ± 0.028
7.0	0.715 ± 0.054
Calibration curve: $A_{593\text{nm}} = 0.0994 \mu\text{g}$ $r^2 = 0.9914$	