

## Report for Zavita

Sample ID	Brunswick Lab ID	ORAC <sub>hydro</sub> * ( $\mu$ moleTE/L)
Zavita Lot # 1022C2	08-3186	25,172

\*The ORAC analysis provides a measure of the scavenging capacity of antioxidants against the peroxy radical, which is one of the most common reactive oxygen species (ROS) found in the body. ORAC<sub>hydro</sub> reflects water-soluble antioxidant capacity.

Trolox, a water-soluble Vitamin E analog, is used as the calibration standard and the ORAC result is expressed as micromole Trolox equivalent (TE) per liter.

The acceptable precision of the ORAC assay is 15% relative standard deviation.<sup>1-2</sup>

Testing performed by H. Ji.

Approved by: 

Boxin Ou, Ph.D.

B-8238 / 10-31-08 jo revised 11-12-08 jo

Samples will be discarded one month from report date, unless otherwise notified by customer in writing.

<sup>1</sup> Ou, B; Hampsch-Woodill, M.; Prior, R. L.; Development and Validation of an Improved Oxygen Radical Absorbance Capacity Assay using Fluorescein as the Fluorescent Probe. Journal of Agricultural and Food Chemistry.; **2001**; 49(10); 4619-4626

<sup>2</sup> Ou, B.; Huang, D.; Hampsch-Woodill, M.; Method for Assaying the Antioxidant Capacity of A Sample. \*US Patent 7,132,296 B2\*