

<b>Sample ID</b>	<b>Brunswick Lab ID</b>	<b>ORAC<sub>hydro</sub>* (<math>\mu</math>moleTE/L)</b>
JOMO Lot # 081219	09-1112	32,619

\*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 Y. Kou.

Approved by: \_\_\_\_\_  
Boxin Ou, Ph.D.

B-8992 / Y. Kou 5-22-09

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\*