

Report for Eniva Corporation

Sample ID	Brunswick Lab ID	ORAC _{hydro} ⁺ (μmoleTE/L)	ORAC _{lipo} [^] (μmoleTE/L)	ORAC _{total} (μmoleTE/L)
Vibe 2.0 Lot # 20629906	06-4429	105,971	4,548*	110,519

+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_{hydro} reflects water-soluble antioxidant capacity and the [^]ORAC_{lipo} is the lipid 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.¹⁻²

*Calculated Value

B-5146 / 11-02-06 lrh

¹ 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

² Huang, D.; Ou, B.; Hampsch-Woodill, M.; Flanagan, J., Deemer, E. K.; Development and Validation of Oxygen Radical Absorbance Capacity Assay for Lipophilic Antioxidants using Randomly Methylated – Cyclodextrin as the Solubility Enhancer. *Journal of Agricultural and Food Chemistry.*; 2002, 50(7); 1815-1821.