

## Report for Eniva Corp.

Sample ID	Brunswick Lab ID	ORAC <sub>hydro</sub> * ( $\mu$ moleTE/L)	ORAC <sub>lipo</sub> ^ ( $\mu$ moleTE/L)	ORAC <sub>total</sub> ( $\mu$ moleTE/L)
Vibe 2.0	08-1539	150,734	3,012	153,746

\*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 and the ^ ORAC<sub>lipo</sub> 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.<sup>1-2-3</sup>

Testing performed by (signature on file)

Approved by: (signature on file)

5-21-08

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> 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  $\alpha$ -Cyclodextrin as the Solubility Enhancer. *Journal of Agricultural and Food Chemistry*; **2002**, 50(7); 1815-1821.

<sup>3</sup> Ou, B.; Huang, D.; Hampsch-Woodill, M.; Method for Assaying the Antioxidant Capacity of A Sample. \*US Patent 7,132,296 B2\*

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Sample ID	Brunswick Lab ID	ORAC <sub>hydro</sub> * (μmoleTE/g)	ORAC <sub>lipo</sub> <sup>^</sup> (μmoleTE/g)	ORAC <sub>total</sub> (μmoleTE/g)
Centrum	07-4374	173	ND	173
One a day Allday Energy	07-4375	192	1	193
Isotonix Maximum ORAC Formula	07-4376	271	18	289

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Sample ID	Brunswick Lab ID	ORAC <sub>hydro</sub> * (μmoleTE/L)	ORAC <sub>lipo</sub> <sup>^</sup> (μmoleTE/L)	ORAC <sub>total</sub> (μmoleTE/L)
Vemma Magosteen Plus	07-4373	61,008	20,834	81,842
XELR8 BAZI	07-4377	28,921	2,052	30,973
4 Life Transfer factor Riovida	07-4379	41,173	1,077	42,250
Tihitian Noni	07-4380	14,913	801	15,714
Mona Vie	07-4381	29,647	1,452	31,099

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The acceptable precision of the ORAC assay is 15% relative standard deviation.<sup>1-2-3</sup>

ND = Not Detected.

Testing performed by (signature on file)

Approved by: (signature on file)

1-4-08

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

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<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

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Zrii	08-2136	32,878	969	33,847

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The acceptable precision of the ORAC assay is 15% relative standard deviation.<sup>1-2-3</sup>

Testing performed by (signature on file)

Approved by: (signature on file)

7-16-08

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<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

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