

Report for Health Forever Products Limited

Sample ID	Brunswick Lab ID	ORAC _{hydro} * (μ moleTE/g)	Total bioflavonoids ¹ (mg/g)
Jobelyn sample	08-3552	2,156	254.27
Lot#11			

*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. 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 gram.

¹ The total bioflavonoids result is expressed as milligram rutin equivalent per gram.

The acceptable precision of the ORAC assay is 15% relative standard deviation.¹⁻²

Testing performed by Y. Kou & H. Ji.

Approved by: _____
Boxin Ou, Ph.D.

B-8372/ Y. Kou 12-15-08, revised mk 12-16-08

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

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 Ou, B.; Huang, D.; Hampsch-Woodill, M.; Method for Assaying the Antioxidant Capacity of A Sample.
US Patent 7,132,296 B2