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Report for Organic By Nature


Sample ID	Brunswick Lab ID	ORAC _{hydro} * (μ moleTE/L)	ORAC _{hydro} * (μ moleTE/serv.^)
Tart Cherry Concentrate Lot# 062603	05-0941	27,250	7,253

*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 liter and per serving.

^ As per customer, serving size is one ounce cherry with eight ounces water.

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

Testing performed by J. Flanagan.

Approved by: 
Boxin Ou, PhD.

B-3049 / 4-20-05 jt

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

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