

## Report for Marcus Sims

Sample ID	Brunswick Lab ID	HORAC <sup>†</sup> ( $\mu$ moleTE/g)	NORAC <sup>^</sup> ( $\mu$ moleTE/g)	SORAC* ( $\mu$ moleTE/g)	SOAC <sup>#</sup> ( $\mu$ moleTE/g)
2 oz Bag Maqui berry freeze dry powder	09-0975	2,758	108	2,116	354

<sup>†</sup> The HORAC result is expressed as  $\mu$ mole Trolox equivalent (TE) per gram.

<sup>^</sup> The NORAC result is expressed as  $\mu$ mole Trolox equivalent (TE) per gram.

\* The SORAC result is expressed as  $\mu$ mole Trolox equivalent (TE) per gram.

<sup>#</sup> SOAC is an abbreviation of Singlet Oxygen Absorbance Capacity. The SOAC result is expressed as  $\mu$ mole Trolox equivalent (TE) per gram.

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

Testing performed by H. Ji & Y. Kou

Approved by:



Boxin Ou, PhD.

B-8923b / Y. Kou 5-7-09, revised mk 05-27-09, revised mk 03-18-10.

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

<sup>1</sup> Ou, B.; Hampsch-Woodill, M.; Flanagan, J.; Deemer, E.K.; Prior, R. L.; Huang, D.; Novel fluorometric assay for hydroxyl radical prevention capacity using fluorescein as the probe. *J Agric Food Chem.* 2002; 50(10); 2772-2777

<sup>2</sup> Zhang, L.; Huang, D.; Kondo, M.; Fan, E.; Ji, H.; Kou, Y.; Ou, B.; Novel high-throughput assay for antioxidant capacity against superoxide anion. *J Agric Food Chem.* 2009; 57(7); 2661-2667.

<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\*