

10/25/2013

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Certificate of Analysis

Customer: Kyani, Inc.**Sample Identification:**

Batch #: B-13058

Date Received: 10/17/2013

Results:

Description	BL ID	Analysis	Result	Units
Total ORAC (Kyani Sunrise 1oz. Packets), liquid, 259131	13-0755	ORAC _{hydro}	116.46	μmole TE/ milliliter
		ORAC _{lipo}	2.73	μmole TE/ milliliter
		ORAC _{total}	119.19	μmole TE/ milliliter

* The acceptable precision is < 15% relative standard deviation.

The ORAC result is expressed as micromole trolox equivalency (μmole TE) per milliliter.

Released on behalf of Brunswick Laboratories by

Jin Ji, Ph.D.

Chief Technology Officer

REFERENCES:

- [1] Ou B, *et al.*, *J Agric and Food Chem*, **2001**, 49 (10): 4619-4626.
- [2] Huang D, *et al.*, *J Agric and Food Chem*, **2002**, 50 (7): 1815-1821.
- [3] Ou B, *et al.*, Method for assaying the antioxidant capacity of a sample. *US Patent* 7, 132, 296 B2.

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The Kyäni Sunrise™ ORAC score of 107,271 is calculated by the following:

$119.19 \mu\text{mole TE/ milliliter} \times 30 \text{ milliliters} = 3,575.7 \text{ per 1 oz}$

$3,575.7 \times 30 \text{ oz} = 107,271$