



## Certificate of Analysis

**Customer:** Keva Industries

Plot No- 1, G. T Road, Near Sahnewal, Ludhiana (India) 141120

**Sample Identification:**

Batch #: KTS 001

BL ID #: 12-1550

Description: herbal supplement, Tablets (TRIPLE STEM CELL)

Date Received: 21/09/2017

**Results:** ORAC TEST VALUE

Test	Result	Units
Antioxidant power against peroxy radicals	5,112	μ mole TE/ serving size
Antioxidant power against hydroxyl radicals	9,854	μ mole TE/ serving size
Antioxidant power against peroxynitrite	425	μ mole TE/ serving size
Antioxidant power against super oxide anion	5,128	μ mole TE/ serving size
Antioxidant power against singlet oxygen	592	μ mole TE/ serving size
Total ORAC <sub>FN</sub> (sum of above)	21,117	μ mole TE/ serving size

\* The acceptable precision of the ORAC assay is < 15% relative standard deviation      **Serving Size: 1250 mg**

Total ORAC<sub>FN</sub> provides a measure of the total antioxidant power of a food/nutrition product against the five predominant reactive species.

Assays were replicated 5 times ~ Total ORAC value was analyzed using TROLOX as standard

peroxy radicals, hydroxyl radicals, peroxynitrite, super oxide anion, and singlet oxygen.

### 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.*, *J Agric and Food Chem*, **2002**, 50 (10): 2772-2777.
- [4] Zhang, L. *et al.*, *Free Radic. Bio Med*, **2007**, 43 (suppl. 1): S17.
- [5] Dubost, N.J. *et al.*, *Food Chem*, **2007**, 105 (2): 727-735
- [6] Zhang, L. *et al.*, *J Agric and Food Chem*, **2009**, 57(7): 2661-2667.
- [7] Ou, B. *et al.*, Method for Assaying the Antioxidant Capacity of A Sample. US Patent 7,132,296 B2.