

**DESCRIPTION**

Proprietary ORAC Citrus Flavonoid Formula containing 100% whole citrus powders and extracts, from 5 Super Fruit citrus varieties, standardized to a customer specific TOTAL ORAC value.

**Total ORAC Range:**

**5,000 – 50,000 µmole TE/gram**

**ANALYSIS**

**ORAC value (Customer Specific Assay)**

- Antioxidant power against peroxy radicals
- Antioxidant power against hydroxyl radicals
- Antioxidant power against peroxy nitrite
- Antioxidant power against super oxide anion
- Antioxidant power against singlet oxygen

**Total ORAC : 5,000 – 50,000 µmole TE/gram**

Heavy Metals	NMT 3 ppm
Moisture	5% (Max)
Appearance	Non-hygroscopic, free-flowing Yellow fine powder

**Identification**

Positive by Reaction with Fehling's Solution & Anthocyanidin Test

**Microbial Analysis**

Aerobic Plate Count	<10,000 cfu/g
Yeast & Mold	< 1,000 cfu/g
E. coli	NEGATIVE
Salmonella	NEGATIVE
Staph. Aureus	NEGATIVE

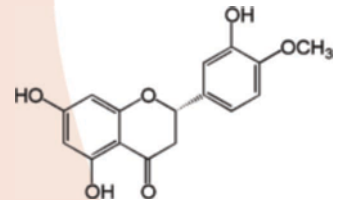
**SCIENCE**

The product is formulated to a Total ORAC FN value.

Total ORAC FN measures antioxidant activity against 5 of the most important free radicals found in humans. These are hydroxyl, peroxy, peroxy nitrite, singlet oxygen, and superoxide anion.

By utilizing this valuable analytical tool, Ingredients By Nature can formulate based on a trusted scientific analytical technique that allows for a product to show actual performance against free radicals.

The product is backed by additional scientific research on ORAC & NF-kB values of individual citrus bioflavonoid extracts and whole citrus fruit powders.



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