

Santen Launches *Sante Lutax*[®] 20 +Vitamin & Mineral a Nutritional Supplement Containing Lutein

February 2, 2015, Osaka, Japan-- Santen Pharmaceutical Co., Ltd. announced the launch of *Sante Lutax*[®] 20 +Vitamin & Mineral, a nutritional supplement containing lutein, into the Japanese market on February 2, 2015.

The *Sante Lutax*[®] series are nutritional supplements that have been on the market since January 2008. They are doctor's supplements^{*1} developed based on research into the dietary habits of the Japanese, and are intended to support ophthalmologists when giving advice on diet to their patients.

The key ingredient, lutein, is a kind of carotenoid^{*2} found in dark-green vegetables such as spinach and broccoli. In the human body, lutein is present in the lens or the macular region of the eye as a particularly important carotenoid. Lutein levels in the body, however, gradually decrease for several reasons including aging, exposure to ultraviolet light and smoking. Furthermore, because the body cannot produce lutein, it is important to obtain this nutrient on a regular basis through the daily diet.

A questionnaire for ophthalmologists^{*3} revealed that 95% of ophthalmologists responded they would recommend "lutein supplements" when asked whether they would recommend "lutein supplements" or "blueberry supplements."

The daily lutein content of *Sante Lutax*[®] 20 +Vitamin & Mineral has been increased to 20 mg from the 15 mg contained in *Sante Lutax*[®] 15 +Vitamin & Mineral, which is the product available on the market up until now. *Sante Lutax*[®] 20 +Vitamin & Mineral also contains an increased amount of zinc and other nutrients and allows you to supplement, in a balanced manner, the nutrients required to maintain health, including vitamin C, vitamin E, zinc, and copper, in addition to lutein.

*1: Refers to supplements recommended by doctors to patients.


*2: Carotenoid is a pigment that exists in nature and is a powerful antioxidant. When taken with fat, lutein can be absorbed efficiently into the human body as it is a fat-soluble substance.

*3: During the 68th Annual Congress of Japan Clinical Ophthalmology (held from November 13, 2014 to November 16, 2014), Santen Pharmaceutical Co., Ltd. administered a questionnaire to 285 ophthalmologists and asked which supplement they would recommend when given a choice between "lutein supplements" and "blueberry supplements."

◇ Product Image



◇ **Product Summary**

Product	<i>Sante Lutax[®] 20</i> <i>+Vitamin & Mineral</i>	
Description	Processed food containing lutein and vitamins	
Ingredients	3 tablets (1.6g) contain Calories · · · · · 9.0kcal Protein · · · · · 0.44g Fat · · · · · 0.60g Carbohydrate · · · · · 0.47g Sodium · · · · · 1.7-3.8mg Vitamin C · · · · · 300mg Vitamin E · · · · · 150mg Zinc · · · · · 15mg Copper · · · · · 1.2mg Lutein · · · · · 20mg	
Suggested Daily Dosage	3 tablets	
Other Ingredients	Gelatin, safflower oil, vegetable oil containing vitamin E, zinc yeast, copper yeast, vitamin C, glycerin, glycerin ester, marigold color, phytic acid	
Total Weight	48.2g [535mg/tablet x 90 tablets]	
Retail Price	¥4,600 (tax-exclusive)	

*Orders can be placed by specific university hospitals, general hospitals and hospitals specialized in ophthalmology.