

## **Amendments of standards and specifications of Astaxanthin**

Ministry of Agriculture, Forestry and Fisheries (MAFF) will add standards and specifications of Astaxanthin to the ministerial ordinance.

Major additions are as follows.

### **Astaxanthin**

#### **Product No. 2**

##### **Compositional specifications**

This product comes in the form of suspension and is produced by adding vegetable oil, light anhydrous silicic acid, glycerin fatty acid ester, and polyoxyethylene sorbitan fatty acid ester to the mixture of modified food starch and the Active Substance. (Note 1)

**Content** This product contains Astaxanthin corresponding to 90 to 120% of the amount shown on the label.

##### **Standard for method of storage**

Same as the standard for method of the Product No. 1. (Note 2)

#### **Note:**

##### **1. Active Substance**

##### **Compositional specifications**

**Content** 97.0 to 102.0%

##### **Physical and chemical properties**

It comes in red to dark purple crystalline powder and slightly has a characteristic odor.

**Ignition residue**  $\leq 0.10\%$  (0.5g)

##### **Standard for method of storage**

The products must be stored in light-shielding and airtight containers with the air inside replaced with inactive gas.

##### **2. Product No.1**

##### **Compositional specifications**

This product comes in the form of particles which is produced by mixing excipient substance to the Active Substance.

**Content** This product contains Astaxanthin corresponding to 90 to 120% of the amount shown on the label.

**Standard for method of storage**

The products must be stored in light-shielding and airtight containers.