

# H & A (Canada) Inc.

1160 Tapscott Road, Toronto, Ontario, Canada M1X 1E9  
Tel: (416) 412-9518 Fax: (416) 293-9066  
sales@hacanada.com



## PRODUCT DATA

# CALCIUM ASCORBATE USP/FCC

**Item #: CA450**

**CAS#: [5743-27-1]**

**M.Wt: 426.34**

**M.Fm: C<sub>12</sub>H<sub>14</sub>C<sub>a</sub>O<sub>2</sub>·2H<sub>2</sub>O**

### **Description:**

A white to slightly yellow, odorless, crystalline powder. It is soluble in water, slightly soluble in alcohol, and insoluble in ether. The pH of a 1 in 10 solution is between 6.8 and 7.4.

### **Specifications:**

Assay (anhydrous)	.....	98.0 - 100.5%
Identification	.....	Positive
Heavy metals (as Pb)	.....	≤ 10 ppm
Arsenic (as As)	.....	≤ 3 ppm
Loss on drying	.....	≤ 0.1%
Specific rotation	.....	+95° - +97°
pH	.....	6.8 - 7.4
Oxalate	.....	Passes test
Fluoride	.....	≤ 10 ppm
Organic volatile impurities	.....	Meet the requirement

*Note:* Complies with USP/FCC standards.

**Functional use in foods:** Antioxidant

### **Packaging and Storage:**

Preserve in 25 kg drums or cartons. Keep in closed containers in cool, dry conditions.

*Note:* The information contained herein is a suggested guide only. It is believed to be accurate and it represents the current information available to us. H & A (Canada) Industrial Inc. makes no guarantee of its content and assumes no liability for its use. Users must determine the suitability of this information and are responsible for ensuring compliance with local legislation. In no way are we responsible for any claims, losses or damages of any client or third party as a result of direct or indirect use of this information.

