

Ascorbic Acid Ultra Fine Powder (325 Mesh)

Specification Sheet

Item #	10-8141	Packaging	10 / 20 kg Cartons
CAS	50-81-7	Retest Date	24 Months from manufacture date
Molecular Formula	C ₆ H ₈ O ₆	Country of Origin	China
Molecular Weight	176.13	Storage	Stored in tightly closed original container, protected from light & heat in a dry place at room temperature (max 25°C)
Specifications	USP, BP, FCC, EP		

CHARACTERISTICS

Appearance	White to off-white crystalline powder
Solubility	Freely soluble in water, sparingly soluble in alcohol, insoluble in chloroform, ether, and benzene
Stability	Most stable in a dry state. Will gradually darken on exposure to light, moisture, and heat. Rapidly oxidizes in solution. Avoid contact with iron, copper, or nickel salts.

SPECIFICATIONS

Carrier/Other Ingredients	N/A
Identification	Positive
Particle Size	100% Through 325 mesh
Clarity/Color of Solution	≤ BY7, Clear solution
Bulk Density	0.6 ~ 0.9 g/ml
pH (5% Water Solution)	2.1 ~ 2.6
Melting Point	190°C ~ 192°C
Specific Rotation	+20.50° ~ +21.50°
Loss on Drying	≤ 0.1%
Residue on Ignition	≤ 0.1%
Assay	99.0% ~ 100.5%
Residual Solvents	
Ethanol	3000 Parts per million
Methanol	3000 Parts per million
Oxalic Acid	≤ 0.2%

Heavy Metals	≤ 10 Parts per million
Arsenic	≤ 3 Parts per million
Cadmium	≤ 1 Part per million
Lead	≤ 2 Parts per million
Mercury	≤ 1 Part per million
Copper	≤ 5 Parts per million
Iron	≤ 2 Parts per million
Zinc	≤ 25 Parts per million

MICROBIOLOGY SPECIFICATIONS

Total Plate Count	≤ 1000 cfu/g
Yeast & Mold	≤ 100 cfu/g
Coliforms	≤ 10 cfu/g
E. Coli	Negative
Salmonella	Negative
Staph. Aureus	Negative

Note	Must handle in accordance with the Material Safety Data Sheet
Applications	Suitable for use in food, beverage, and nutritional supplement

IMPORTANT: The descriptions, designs, and data contained herein are presented for your information only. Because there are many factors under your control which may affect processing or application/use it is necessary for you to make appropriate tests to determine whether the product is suitable for your particular purpose prior to use.

NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, OR DATA SET FORTH HEREIN, OR THAT THE PRODUCTS, DESIGNS, DATA, OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, DATA OR DESIGNS PROVIDED BE PRESUMED TO BE A PART OF OUR TERMS AND CONDITIONS OF SALE.

Further, you expressly understand and agree that the descriptions, designs, and data furnished by PAT hereunder are given gratis and PAT assumes no obligation or liability for same or results obtained from use thereof, all such being given to you and accepted by you at your risk.



Pure in Nature Nutritional Ingredients
Shanghai, China
Email: info@pureinnature.com



PAT Vitamins, Inc
Tel: (626) 810-8886
Fax: (626) 810-6601
Email: info@PATVitamins.com
www.PATVitamins.com