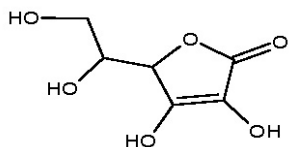


# Product Specifications

*Ascorbic Acid USP / EP / BP.*



MW:  $C_6H_8O_6 = 176.124$   
CAS No. 50-81-7

## *Description.*

White crystals or a white or almost white crystalline powder, which discolors on exposure to air and moisture; odorless or almost odorless. Freely soluble in water, soluble in ethanol (90%), practically insoluble in chloroform and ether.

## *Specifications.*

Packing: 25kg net carton

Test Item	Specification
Identification	Positive Reaction
Melting Point	190-192° C
pH	2.1~2.6 (in 5% solution)
Copper Salt	≤ 5ppm
Heavy Metals	≤ 10ppm
Arsenic	≤ 3ppm
Lead	≤ 2ppm
Mercury	≤ 1ppm
Iron	≤ 2ppm
Oxalate Acid	≤ 0.2%
Sulfated Ash	≤ 0.1%
Nickel	N/A
Specific Rotation at 25° C	+20.5°~+21.5°
Assay	99.0~100.5%
Loss on drying	≤ 0.15%
Organic Volatile Impurities	Pass
<b>Particle size:</b>	
Retained on 40 mesh	NMT 20%
Between 40 mesh and 80 mesh	NLT 50%

Ascorbic Acid 99 % is also available as FCC and Kosher.

Granulations are available as 90 % or 97 % Ascorbic acid with starch, lactose, or hydroxymethyl cellulose.

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