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SPECIFICATION SHEET

Cat No.: BIO-113

Product: **L-ASCORBIC ACID**
(Vitamin C)

CAS Number: [50-81-7]

Chemical Formula: $C_6H_8O_6$

Molecular Weight: 176.13

Melting Point: 190-192°C

Appearance: White Crystalline Powder

Specific Rotation: +20.5° ~ +21.5°

Heavy Metals: 10ppm max

Sulfates Ash: 0.1% max

PH: 2.1-2.6

Color of Solution: BY₇max

Oxalate: 0.2%max

Copper salt: 5ppm max

Ferrite: 2ppm max

Loss on drying: 0.4%max

Arsenic: 3ppm max

Lead: 2ppm max

Mercury: 1ppm max

Particle size: 40mesh and 80 mesh

Assay: 99.0 ~100.5%

