



TECHNICAL DATA SHEET(TDS)
Ascorbic Acid Powder, USP/FCC, Kosher, Halal
Product Specification (CAS# 50-81-7)

Test	Specification	Typical Results
Characteristics	White or almost white crystalline powder or colorless crystals	Pass
Assay	99.0 - 100.5%	99.7
Solubility	Soluble in water, slightly soluble in ethanol, insoluble in chloroform	Pass
Identification A	Positive Reaction	Pass
Identification B	IR	Pass
Residue on Ignition	Max. 0.1%	<0.1
Heavy Metal	Max. 10 ppm	<10
Copper	Max. 5 ppm	<5
Lead	Max. 0.1 ppm	<0.1
Arsenic	Max. 1 ppm	<1
Iron	Max. 2 ppm	<2
Cadmium	Max. 1 ppm	<1
Mercury	Max. 0.1 ppm	<0.1
Specific Rotation	+20.5° - +21.5°	+21.0°
Total Plate Count	Max. 1000 cfu/g	<1000
Yeast and Molds	Max. 100 cfu/g	<100
Escherichia coli	Negative	Pass
Salmonella	Negative	Pass
Staphylococcus Aureus	Negative	Pass

Appropriate/legal use of this product is the responsibility of the user.

[Ascorbic Acid Powder, USP/Food Grade \(FCC\), Kosher, Halal](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
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