



### TECHNICAL DATA SHEET(TDS)

Ascorbic Acid Powder, USP/FCC, Kosher, Halal

Product Specifications (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%           |
| Identification A    | Positive Reaction                                              | Pass            |
| Identification B    | IR                                                             | Pass            |
| Residue on Ignition | Max. 0.1%                                                      | <0.1%           |
| Heavy Metals        | Max. 10 ppm                                                    | <10 ppm         |
| Lead                | Max. 2 ppm                                                     | <0.1 ppm        |
| Arsenic             | Max. 1 ppm                                                     | <1 ppm          |
| Specific Rotation   | +20.5° - +21.5°                                                | +21.0°          |
| Residual solvents   | Meets requirements                                             | Pass            |

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

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

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