



Tech

Technical Data

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## CITRIC ACID SOLUTION (50%)

### **GENERAL DESCRIPTION:**

Citric Acid solution is a clear liquid made from food grade citric acid and demineralized water.

### **APPLICATIONS:**

Citric Acid solution is used as a preservative, acidifier, chelator, and flavoring in various sections of the food and beverage industry.

\*\*\*In Brewing applications, Citric Acid solution is used in sanitizing solutions to lower the pH, which will make the SO<sub>2</sub> level more effective. It is also used to increase acidity at a ratio of 0.1% for each teaspoon/gal.\*\*\*

### **PHYSICAL CHARACTERISTICS:**

- ◆ Appearance: Clear, colorless to pale yellow liquid and free from foreign matter
- ◆ Odor: None
- ◆ Specific gravity: @ 20°C 1.23 -1.25
- ◆ Solids content Assay, %: 49-51
- ◆ pH (1% in deionized water) 2.0-3.0
- ◆ Heavy Metals: <5 ppm
- ◆ Oxalate: <50 ppm

### **STORAGE & HANDLING:**

- ◆ Store in dry, cool conditions away from direct sunlight
- ◆ Keep in original container
- ◆ Keep containers sealed when not in use'
- ◆ The shelf life at the recommended storage temperature is at least 1 year from the date of manufacture
- ◆ Read the Material Safety Data sheet prior to use

\*\*\*[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)\*\*\*