



201 Westland Farm Road
Mount Holly, NC 28120
704-827-0216
www.ArroChem.Com

CITRIC ACID 50%

ArroChem's Citric Acid 50% is a natural organic acid found abundantly in citrus fruits. The solution is widely used in various industrial, commercial, and household applications due to its versatile properties, including acidity regulation, flavor enhancement, chelating agent, and as a cleaning agent.

General Characteristics:

Appearance:	Clear, colorless to pale yellow liquid
Solubility in Water, 25°C:	Completely soluble
Viscosity:	~18 cP at 25°C
pH, 1% Solution:	~1.9 - 2.3
Specific Gravity:	~1.25 - 1.28 g/cm ³ at 25°C



APPLICATION:

Citric Acid 50% solution finds diverse applications across different industries, including but not limited to the following:

- **Food and Beverage Industry:** Used as a flavor enhancer, acid regulator, and preservative in various food and beverage products.
- **Cleaning Agents:** Utilized as a cleaning agent due to its chelating and descaling properties, making it effective in removing mineral deposits.
- **Water Treatment:** Citric Acid is used in water treatment processes to chelate metal ions and remove scale deposits in boilers and cooling systems.