

# ***AviCit-Na***

Sodium Citrate

## **A High-Performance Alkalinizing Agent for Reliable Formulations.**

Sodium Citrate, derived from citric acid, is a premium-grade white crystalline or granular powder, renowned for its functional versatility and reliability. With exceptional water solubility and minimal solubility in alcohol, this compound dissolves rapidly, ensuring smooth incorporation into various formulations. It retains the characteristic sour profile of citric acid, which reflects its natural origin and purity. This balance between solubility and sensory qualities makes Sodium Citrate a consistent ingredient for ensuring precise formulation control.

## **The Avid Organics Advantage**

- FSSC-22000, ISO-14000, and ISO-45000, SMETA accredited facility.
- Kosher, Halal, FSSAI, and FDA-certified food & feed products/ingredients.
- All operations powered by 100% renewable electricity by 2025.
- Pledged to achieve zero actual carbon emissions by 2040.
- Strictly committed to zero animal testing.
- In-house R&D that delivers customized, eco-friendly solutions to meet evolving industry needs.
- State-of-the-Art infrastructure facility.



AviCit-Na is produced through stringent quality control processes, ensuring every batch meets the highest standards of purity and performance. This commitment to quality guarantees that AviCit-Na provides the reliability and consistency essential for a wide range of specialized applications.

## Market Applications of AviCit - Na

### 1. Food Agent

- Adds flavor and preserves food.
- Used in certain club sodas.

### 2. Cosmetology

- Controls pH in cosmetics.
- Prevents contamination.

### 3. Medicinal Use

- Reduces urine acidity.
- Works with citric acid.

## Technical Specifications

CAS Number: 6132-04-03  
Molecular Formula:  $\text{Na}_2\text{CH}_2\text{O}$   
Molecular Weight: 258.06 gm/mol

Parameter	AviCit-Na Specification
Appearance	Clear colorless liquid
Solubility	Freely soluble in water
Identification	Passes Test
Appearance of solution	The solution is clear and colourless
Alkalinity	Passes Test
Water	10.00 - 13.00%
Tartarate	Passes Test
Heavy metal	10 ppm max.
Chloride	100 ppm max.
Sulphate	150 ppm max.
Assay (on dry basis)	99 - 100.50 %

