RZBC (JUXIAN) CO., LTD.

NO.209 LAIYANG ROAD, JUXIAN ECONOMIC
DEVELOPMENT ZONE, RIZHAO SHANDONG CHINA

TECHNICAL DATA SHEET

Date: 2026-01-01

Product: Trisodium Citrate Dihydrate

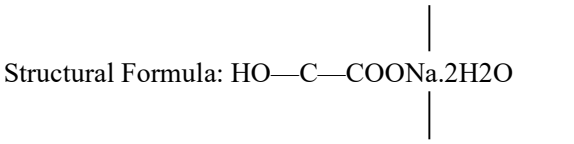
Product number: 6132-04-3

Appearance: white crystals or fine granular

Molecular formula: $C_6H_5Na_3O_7.2H_2O$

Molecular weight: 294.10

Structural Formula:



ITEM	STANDARD
CHARACTERISTIC	COLOURLESS CRYSTALS OR AS WHITE CRYSTALLINE POWDER
IDENTIFICATION	PASS TEST
APPERANCE OF SOLUTION	PASS TEST
PH VALUE (5% AQUEOUS SOLUTION)	7.5-9.0
ALKALINITY	PASS TEST
ASSAY	99.0%-100.5%
LOSS ON DRYING	10.0%-13.0%
TARTRATE	PASS TEST
READILY CARBONISABLE SUBSTANCES	PASS TEST
HEAVY METAILS	NOT MORE THAN 10 PPM
CHLORIDES	NOT MORE THAN 50 PPM
SULPHATE	NOT MORE THAN 150 PPM
OXALATES	NOT MORE THAN 100 PPM
ARSENIC	NOT MORE THAN 1 PPM
LEAD	NOT MORE THAN 2 PPM
MERCURY	NOT MORE THAN 1 PPM

Application:

Trisodium citrate is used to enhance flavor and maintain stability of active ingredients in food and beverage. In detergent industry, it can replace sodium tripolyphosphate as a kind of assistant. It can also be used in fermentation, injection, and photography and metal plating.

Package &quantity: 25kg per bag,1000kg per bag with pallet,500-1000kg per bag.

Mesh Size：12-40mesh / 30-100 mesh

Storage: Kept in a light-proof, well-closed, dry and cool place.

Shelf life: Three years.