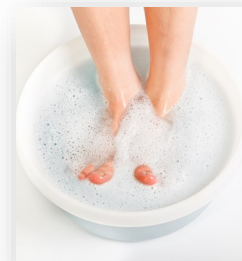


Sodium Citrate

INCI Name: Sodium Citrate

CAS Numbers: 68-04-2



Description:

Sodium Citrate can refer to any of the sodium salts of citric acid such as monosodium citrate, disodium citrate, and trisodium citrate. It is a white, crystalline powder that dissolves in water but not alcohol. It is used in soft drinks as an anticoagulant. In addition, cosmetic manufacturers use Sodium Citrate to adjust the acidity of a product.

Technical Data:

	Spec. Limits
1 . Alkalinity	: Passes test
2 . Arsenic	: Less than 0.5 ppm
3 . Assay	: 99 - 100.5 %
4 . Bulk density	: 700 - 1150 g/l
5 . Cadmium	: Less than 0.5 ppm
6 . Chloride	: Less than 50 ppm
7 . Colour	: Passes test
8 . Heavy metals	: Less than 5 ppm
9 . IRON	: 0 - 5 ppm
10 . Identification	: Meets specifications
11 . Lead	: Less than 0.5 ppm
12 . Loss on drying (18 H 180 C)	: 11.0 - 13.0 %
13 . Mercury (as Hg)	: Less than 0.1 ppm
14 . Oxalates	: Less than 100 ppm
15 . Sulfates	: Less than 100 ppm
16 . Tartarate	: Passes test
17 . Yeast & Moulds	: Less than 20 cfu/gr
18 . pH 1%	: 7.5 - 9.0

Applications

Sodium Citrate is used in shampoo products, conditioners, foundation products, facial moisturizers, liquid hand soaps, anti-aging products, bar soaps, baby wipes, toners, astringents, tooth whitening products, sunscreens, concealers, styling gels, lotions, exfoliants, scrubs, creams, toothpaste products, lotions, and hair sprays.



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