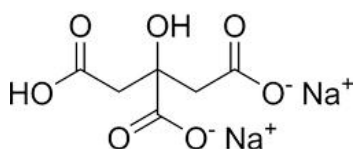




Disodium Hydrogen Citrate



Description

Disodium Hydrogen Citrate is an anticoagulant & an alkalizer

Specifications (BP)

TESTS	SPECIFICATIONS
Description	A white powder.
Solubility	Freely soluble in water; Practically insoluble in ethanol (96%).
Identification (A) Sodium Salts	(A) A dense, white precipitate is formed. (B) No precipitate is formed.
(B) Citrates	(A) Violet colour, turning to violet-blue is produced. (B) A white precipitate is produced which is soluble in 6M acetic acid.
Acidity (pH)	pH of a 3% w/v solution, 4.9 to 5.2.
Arsenic	Not more than 2 ppm
Heavy Metals	Not more than 20 ppm
Chloride	Not more than 330 ppm
Oxalate	Not more than 150 ppm (Calculated as anhydrous oxalic acid).
Sulphate	Not more than 0.12%
Readily carbonisable Substances	Not more than a pale brown colour is produced.
Assay	98.0 % to 104.0 %

Application and Effects

It is mainly used to make all the solutions Neutral, free from acids as well as bases.