



AviCit- K (Potassium Citrate)

AviCit-K, alternatively called tripotassium citrate, is the potassium salt derived from citric acid. Presenting as a white, hygroscopic crystalline powder with a saline taste, it is odorless. In its monohydrate form, it exhibits high hygroscopicity and deliquescence.

General Info :

CAS Number	Molecular Formula	Molecular Weight
7440-09-7	$C_6H_5K_3O_7$	306.395 gm/mol

Sales Specification :

AviCit-K (Potassium Citrate)

Parameter	AviCit-K Specification
Appearance	White Crystalline powder
Solubility	Freely soluble in water
Identification	Passes test
Appearance of solution	The solution is clear and colourless
Alkalinity	Passes test
Water	4.00 – 7.00 %
Tartarate	Passes test
Heavy metal	10 ppm max.
Chloride	100 ppm max.
Sulphate	150 ppm max.
Assay (on dry basis)	99.00 – 100.50 %



AviCit- K (Potassium Citrate)

Market Applications :

- AviCit-K is used In nutritional applications such as infant formula and pharmaceutical/OTC products; it serves as a potassium source.
- Helps regulate the body's acid-base balance by increasing the amount of citrate in the urine.
- Its role as a systemic alkalizer makes it an active ingredient in pharmaceuticals, particularly in treating kidney stones.
- It has demonstrated clinical efficacy in reducing pain for individuals with sensitive teeth and may function as a sequestering agent when included in dentifrices.

