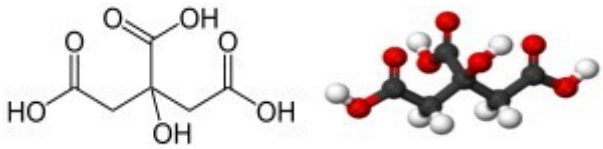
凯美亚化学有限公司
KEMIACHEM CO., LIMITED.

Technical Data Sheet

Product Name	Citric Acid BP98/USP24
Synonyms	2-hydroxypropane- 1,2,3- tricarboxylic acid 3-hydroxypentanedioic acid-3-carboxylic acid Hydrogen citrate
CAS No	77-92-9
Molecular Structure	
Specification	Characteristics:White crystals; Assay:99.5%-101.0%; Clarity and colour of Solution:Clear; Solubility:Pass test; Heavy metals (as Pb):≤5 ppm; Barium:Pass test; Calcium:≤200 ppm; Iron ≤50 ppm; Chloride:≤50 ppm; Lead:≤1 ppm; As:≤1 ppm; Mercury:1 ppm; Oxalate:≤100 ppm; Sulphate:≤150 ppm; Bacteriaendotoxic:≤0.5 i.u./mg; Aluminium:≤0.2 ppm; Readily carbonisable Substances:Not darker than the standard; Sulphated ash:≤0.1%; Moisture:≤1.0%.
Application	Citric acid is a weak organic acid. It is a natural preservative and is also used to add an acidic, or sour, taste to foods and soft drinks. In biochemistry, it is important as an intermediate in the citric acid cycle and therefore occurs in the metabolism of virtually all living things. It can also be used as an environmentally benign cleaning agent. Citric acid exists in greater than trace amounts in a variety of fruits and vegetables, most notably citrus fruits, etc.
Hazard Class	Non-dangerous goods
Packing	In 25kgs net kraft paper bag
Quantity /20'FCL	1X20'FCL=24MTS

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