



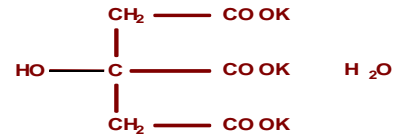
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Product Specification

Date: Feb.09, 2017

Product : Tripotassium Citrate Monohydrate
Cas number: 6100-05-6
Appearance: white crystals or powder
Molecular formula: C₆H₅K₃O₇ H₂O
Molecular weight: 324.42

Structural Formula:



Test Item	EP8.8	BP2016	USP39	E332(EU)No. 231/2012	FCC 10
Description	white crystals or crystalline powder	white crystals or crystalline powder	/	White, hygroscopic, granular powder or transparent crystals	White, hygroscopic, granular powder or transparent crystals
Identification	pass test	pass test	pass test	pass test	pass test
Test for citrate	/	/	/	pass test	/
Test for potassium	/	/	/	pass test	/
pH(5 % aqueous solution)	/	/	/	7.5-9.0	/
appearance of solution	pass test	pass test	/	/	/
Acidity or Alkalinity	pass test	pass test	pass test	/	Alkalinity pass test
Assay (%)	99.0~101.0	99.0~101.0	99.0~100.5	≥99.0	99.0~100.5
Moisture (%)	4.0~7.0	4.0~7.0	loss on drying 3.0-6.0	≤6.0 (180°C,4h)	3.0~6.0
Arsenic (%)	/	/	/	≤1mg/kg	/
Heavy Metal (%)	≤10ppm	≤10ppm	≤10ppm	/	/
Oxalates (%)	≤300ppm	≤300ppm	/	≤100mg/kg	/
Chloride (%)	≤50ppm	≤50ppm	/	/	/
Tartrate	/	/	pass test	/	/
Sulphate (%)	≤150ppm	≤150ppm	/	/	/
Readily Carbonisable Substance	not darker than standard (0.2g+10ml)	not darker than standard (0.2g+10ml)	/	/	/
Sodium (%)	≤0.3	≤0.3	/	/	/
Lead (PPm)	/	/	/	≤1mg/kg	≤2mg/kg
Mercury (PPm)	/	/	/	≤1mg/kg	/

Application:

Tripotassium citrate is mainly used for maintaining stability, integrating, buffer in cold drink, baby food and artificial butter. It can also be used for keeping PH value and buffer in sauce and jully, cleaning agent for precision equipment, And it is also one agent for make up Kalium. In pharmaceuticals, it is used as alkalinity sylvite, curing hypopotassaemia and basifying urine. It can produce high-effect compound fertilizer. And it is also used in papermaking and gilding.

Package & quantity: 25kg per bag

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

Shelf life: Three years.