

7-2 Potassium Citrate

I. Product Overview

Product Name: Potassium Citrate

Category: Citrate Salt

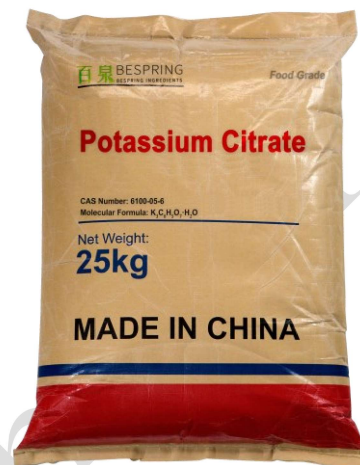
CAS Number: 6100-05-6

Molecular Formula: $K_3C_6H_5O_7 \cdot H_2O$

Packing Specifications: 25 kg/bag, 20 tons/20FCL

Minimum Order Quantity: 500 kg

Quality Standards: HACCP, Kosher, Halal, ISO



II. Product Specifications

Item	Unit	Specification
Potassium Citrate Content (Dry Basis)	%	97.5-100.5
Insoluble Matter in Water	%	≤2.0
Arsenic (As)	%	≤0.0003
Heavy Metals (as Pb)	%	≤0.003
Fluoride (F)	%	≤0.003
Loss on Drying	%	≤0.0002 (FCC-IV) ≤0.0005 (USP-24)
Insoluble Matter in Acid	%	≤0.0002 (FCC-IV) ≤0.0001 (USP-24)
Lead (Pb)	%	≤0.003 (FCC-IV) ≤0.001 (USP-24)
Clarity	--	(FCC-IV) 0.2 (USP-24)
Appearance		White powder

III. Applications

- Used as preservatives, stabilizers, and pH buffers.

IV. Storage Conditions

Potassium citrate should be stored in a cool, dry, ventilated place, away from direct sunlight

and high temperature and humidity environments. The storage temperature should not exceed 30°C. The packaging should be intact to prevent the product from becoming damp and deteriorating.

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