## Jungbunzlauer

## **Product Specification**

## **Tripotassium Citrate**

USP / FCC / Ph. Eur. / EU

Product name Tripotassium Citrate  $C_6H_5K_3O_7 \cdot H_2O$ 

EC No. 212-755-5 CAS No. 6100-05-6 E-No. E 332

Characteristics Transparent crystals or white, granular powder, is odourless, has a

cooling, saline taste; deliquescent when exposed to moist air

(hygroscopic); freely soluble in water, very slightly soluble in alcohol

Characteristics	conforms
Identification	conforms
Acidity or alkalinity	conforms
Water (Karl Fischer)	4.0 – 6.0 %
Loss on drying	4.0 – 6.0 %
Tartrate	conforms
Organic volatile impurities	conforms
Appearance of solution	conforms
Readily carbonisable substances	conforms
Chloride	max. 15 mg/kg
Oxalic acid / oxalate	max. 100 mg/kg
Sulphate	max. 100 mg/kg
Sodium	max. 0.3 %
pH-value (5 % solution)	7.5 – 9.0
Arsenic	max. 1 mg/kg
Lead	max. 0.5 mg/kg
Mercury	max. 0.5 mg/kg
Cadmium	max. 0.5 mg/kg
Potassium	35.6 – 36.2 %
Assay (on the dried basis)	99.0 – 100.5 %

We herewith confirm that this product is specified to meet the requirements of the latest edition of the United States Pharmacopeia (USP), the European Pharmacopeia (Ph. Eur.), the Food Chemical Codex (FCC) and of Commission Regulation (EU) No 231/2012. All analytical methods are in accordance with the latest requirements of the USP, the Ph. Eur., the FCC or equivalent methods. Test methods are available on request.

