

**Product name: TRIPOTASSIUM CITRATE MONOHYDRATE**

Article No.	540408
Grade	AR
Purity	99%
CAS No.	6100-05-6
Molecular Formula	K <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> .H <sub>2</sub> O
Molecular Weight	324.41
H.S. Code	2918.1510
Shelf Life	60 Months

- **Physical properties**

Physical state at 20 °C	Solid
Color	White crystalline
Odour	Odorless
pH value	8 - 9.5
Melting point/ Freezing point [°C]	275 °C
Density [g/cm <sup>3</sup> ]	1.98
Solubility in water [% weight]	Soluble in water

- **Specifications**

Appearance	White or almost white, granular powder or transparent crystals, hygroscopic
Solubility	Very soluble in water
Identification	a) Gives reaction of citrate b) Gives reaction of potassium
Acidity or Alkalinity	Passes test
Readily carbonisable substances	Passes test
Chlorides	Max 50 ppm
Oxalates	Max 300 ppm
Sulfates	Max 150 ppm
Sodium	Max 0.3%
Water	4 - 7%
Assay	99 - 101%
Packings	500 gm