
SPECIFICATION

TRI-POTASSIUM CITRATE MONOHYDRATE, EP, FCC, E 332

Code: C4 121
CAS: 6100-05-6
EINECS: 612-062-1

	Specification	Unit
Appearance	white, grainy powder or transparent crystals, hygroscopic	/
Solubility	very easily soluble in water, hardly soluble in alcohol	/
Identity A, B	complies	/
Assay	99,0 - 100,5	%
K (Potassium)	35,6 - 36,2	%
Appearance of solution	complies	/
Acidity	complies	/
Heavy metals (as Pb)	max. 5	ppm
Arsenic,Selenium (as As)	max. 1	ppm
Pb (Lead)	max. 0,5	ppm
Hg (Mercury)	max. 0,5	ppm
Cl (Chloride)	max. 15	ppm
Sulphate (SO ₄)	max. 100	ppm
Na (Sodium)	max. 0,3	%
Behavior against sulphuric acid	complies	/
Oxalates	max. 100	ppm
Tartrate (C ₄ H ₄ O ₆)	complies	/
Loss on drying	4,0 - 6,0	%
Water (according to Karl Fischer)	4,0 - 6,0	%
Organic volatile impurities	complies	/
