



Product Category :	LABORATORY GRADE
Product : POTASSIUM CITRATE AR	Product Code : POTASSIUM CITRATE/AR

## Specifications:

CAS NO.	6100-05-6.
MOLECULAR WEIGHT	324.42.
MOLECULAR FORMULA	$C_6H_5K_3O_7 \cdot H_2O$ .
OTHER NAMES	TRIPOTASSIUM CITRATE; CITRIC ACID POTASSIUM SALT.
DESCRIPTION	WHITE CRYSTALLINE POWDER.
SOLUBILITY	SOLUBLE IN WATER.
ASSAY (ACIDIMETRIC, CALCULATED ON ANHYDROUS SUBS)	99.0% MIN.
pH (5%, WATER)	8.0 – 9.5.
CHLORIDE (Cl)	0.001% MAX.
SULPHATE (SO <sub>4</sub> )	0.005% MAX.
HEAVY METALS (as Pb)	0.0005% MAX.
OXALATE (C <sub>2</sub> O <sub>4</sub> )	0.01% MAX.
IRON (Fe)	0.0005% MAX.
AMMONIUM (NH <sub>4</sub> )	0.001% MAX.
ARSENIC (As)	0.00005% MAX.
SODIUM (Na)	0.05% MAX.
READILY CARBONISABLE SUBSTANCES	PASSES TEST.
WATER	4.0 – 6.0.
APPLICATION	LABORATORY REAGENT.

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