

309– CITRIC ACID (MONO), EXTRA PURE

REF NO: TBL/QA/SS/LC/309	STANDARD SPECIFICATION FOR CITRIC ACID (MONO), EXTRA PURE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	5949-29-1
Chemical Formula	C ₆ H ₈ O ₇ .H ₂ O
Formula weight	210.14
Functional Uses	<p>It may be used:</p> <ul style="list-style-type: none"> • To prepare citrate buffer for use in the preparation of platelets for intravital microscopy. • To prepare Tris-citrate buffer employed for the electrophoresis of bacterial enzymes. • As release-modifying agent to improve the release of diltiazem hydrochloride from melt extruded Eudragit RS PO tablets.
Standard Packaging	500 gm, 5Kg & 25Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless crystal.
Solubility	Soluble in water

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0002%
Sulphate (So ₄)	NMT – 0.002%
Residue on ignition(as SO ₄)	NMT – 0.02%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

