

311 – CITRIC ACID (ANH.), EXTRA PURE

REF NO: TBL/QA/SS/LC/311	STANDARD SPECIFICATION FOR CITRIC ACID (ANH.), EXTRA PURE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	77-92-9
Chemical Formula	C ₆ H ₈ O ₇
Formula weight	192.12
Functional Uses	It is used as an excipient in pharmaceutical preparations due to its antioxidant properties. It maintains stability of active Ingredients and is used as a preservative.
Standard Packaging	500 gm, 5kg, 25kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1M Soln. at 25°C)	1.0 – 2.0
Loss on drying (at 110°C)	NMT – 0.5%
Ash (as SO ₄)	NMT – 0.02%
Chloride (Cl)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0002%
Phosphate (PO ₄)	NMT – 0.0005%
Assay	NLT – 99.5%

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