

310– CITRIC ACID (MONO), AR GRADE

REF NO: TBL/QA/SS/LC/310	STANDARD SPECIFICATION FOR CITRIC ACID (MONO), AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 08/11/2024
Issue Date: 09/11/2021		Product code: 310

PRODUCT PROPERTIES

C.A.S Number	5949-29-1
Chemical Formula	C ₆ H ₁₀ O ₈
Formula weight	210.14
Functional Uses	Citric acid is an organic acid commonly used as a chelating agent, a buffering agent, for pH adjustment and derivatization.
Standard Packaging	500 gm, 5Kg & 25Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water content	7.5 – 9.0%
Residue on ignition	NMT – 0.02%
Heavy Metals (as Pb)	NMT – 0.0002%
Sulphate(SO ₄)	NMT – 0.002%
Assay	NLT – 99.5%

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

