

## TMB 093 – CITRIC ACID, (MONO)

REF NO: TBL/QA/SS/LC/ 093	<b>STANDARD SPECIFICATION FOR CITRIC ACID, (MONO)</b>	Rev. No: 03
Issue No: 04		Review Date: 19/10/2025
Issue Date: 20/10/2022		Product code: TMB 093

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	5949-29-1
<b>Chemical Formula</b>	$C_6H_8O_7 \cdot H_2O$
<b>Formula weight</b>	210.14
<b>Functional Uses</b>	Citric acid is also used as a complexing and chelating agent in metal treatment, as a water softener for detergents, and as a buffering agent in toiletry and pharmaceutical industries.
<b>Standard Packaging</b>	500 gm

### 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 <sub>4</sub> )	NMT – 0.002%
DNase	None detected.
RNase	None detected.
Assay	NLT – 99.5%

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