

5079- TRI-POTASSIUM CITRATE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5079	STANDARD SPECIFICATION FOR TRI-POTASSIUM CITRATE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date:07/02/2022		Product code: 5079

PRODUCT PROPERTIES

C.A.S Number	866-84-2
Chemical Formula	C ₆ H ₅ K ₃ O ₇
Formula weight	306.39
Functional Uses	Sequestrant, stabilizer, buffer
Standard Packaging	25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Deliquescent, odourless, transparent crystals or white, granular powder.
Solubility	Very soluble in water, insoluble in ethanol
Test for citrate	Passes test
Test for potassium	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Drying (180°C , 4 h)	NMT – 6%
Alkalinity	Passes test
Oxalate	Passes test
Lead	NMT – 2 mg/Kg
Assay (after drying)	NLT – 99.0%

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

