

TC 019 – INULIN, AR GRADE

REF NO: TBL/QA/SS/LC/TC 019	STANDARD SPECIFICATION FOR INULIN, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 20/03/2025
Issue Date: 21/03/2022		Product code: TC 019

PRODUCT PROPERTIES

C.A.S Number	9005-80-5
Chemical Formula	$(C_6H_{10}O_5)_n$
Formula weight	Approx. 5000
Functional Uses	Potential replacement for high fructose corn syrup due to its prebiotic function and similar structural characteristics to corn syrup.
Standard Packaging	25gm, 100 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystals or Powder.
Solubility	33.3mg solution in 1 ml of hot water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH(10% hot water)	4.0 – 7.0
Loss on drying	NMT – 10.0%
Specific rotation (in hot water at 20°C)	-370 to -150

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

