

684– ALGINIC ACID (PHARMA GRADE)

REF NO: TBL/QA/SS/LC/684	STANDARD SPECIFICATION FOR ALGINIC ACID (PHARMA GRADE)	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 684

PRODUCT PROPERTIES

C.A.S Number	9005-32-7
Chemical Formula	(C ₆ H ₈ O ₅) _n
Formula weight	176.13
Functional Uses	Alginic acid is suitable reagent used to study the in-vitro and in-vivo mitogenic activity of alginates. It is suitable for use in the spectrophotometric determination of transparent exopolymer particles by dye-binding assay.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to pale yellow or pale yellow-brown crystals or powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 0.1%
Ash	NMT – 0.05%
Assay	NLT – 99.0%

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