

## TC 005 – CELLULOSE POWDER

REF NO: TBL/QA/SS/LC/TC 005	STANDARD SPECIFICATION FOR CELLULOSE POWDER	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: TC 005

### PRODUCT PROPERTIES

C.A.S Number	9004-34-6
Chemical Formula	$(C_6H_{10}O_5)_n$
Formula weight	NA
Functional Uses	Cellulose is used in column chromatography to purify organisms from uninfected erythrocytes and white cells and as a standard in fourier transform infrared spectroscopy.
Standard Packaging	500 gm. & 25 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Fine white to off white powder.
Solubility	Insoluble in water but swells producing a white opaque dispersion.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss On Drying (at 105°C)	NMT-5.0%
Total Ash	NMT-0.1%

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