

1312 – D (+) XYLOSE

REF NO: TBL/QA/SS/LC/1312	STANDARD SPECIFICATION FOR D (+) XYLOSE	Rev. No: 03
Issue No: 04		Review Date: 09/11/2024
Issue Date: 10/11/2021		Product code: 1312

PRODUCT PROPERTIES

C.A.S Number	58-86-6
Chemical Formula	C ₅ H ₁₀ O ₅
Formula weight	150.13
Functional Uses	D-(+) Xylose is used to prepare furfural by acid catalyzed degradation reaction.
Standard Packaging	25gm., 100gm. & 500gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless crystals.
Solubility	Freely soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1M soln. at 25°C)	4.5 – 6.0
Moisture (at 110°C)	NMT – 0.5%
Sulphated Ash	NMT – 0.1%
Heavy Metals(Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

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