



Specification

D-Fucose

Catalog Number: FU1002
CAS Number: 3615-37-0
Synonym(s): 6-Deoxy-D-galactose, Rhodeose
Molecular Formula: C₆H₁₂O₅
Molecular Weight: 164.16
Storage: 15°C – 30°C
Retest Period: Six years from date of manufacture.

Test	Specification
Appearance	White to off-white crystalline powder
Purity (HPLC)	≥ 98.0%
Specific Rotation	+74° to +78°
Identity (¹ H-NMR)	Conforms to structure
Moisture (KF)	≤ 0.5%
Solubility (5% in Water)	Clear, colorless to pale yellow

Approved:

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