



Product Specification

Product Name: α -D-Fucose
Cat #: F-850
CAS #: 3615-37-0
Storage: Store at 4°C.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (10% in water)	colorless
Turbidity (1% in water)	max. 4.0 NTU
Water Content (K. Fischer)	max. 0.5%
Melting Point	136 to 140°C
Specific Optical Rotation $[\alpha]_D$ (c =10 in water, 20°C, after 24 hours)	75.0 to 77.0
Purity (HPLC)	min. 99.0 area-%
TLC (30 mg/mL in water; butanol/acetone/water 4:5:1; sulfuric acid)	corresponds to reference material
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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