



## Certificate of Analysis

### D-Fucose

**Catalog Number:** FU1002  
**Lot Number:** 0806801  
**CAS Number:** 3615-37-0  
**Synonym(s):** 6-Deoxy-D-galactose, Rhodeose  
**Molecular Formula:**  $C_6H_{12}O_5$   
**Molecular Weight:** 164.16  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** March 28, 2018  
**Retest Date:** March 27, 2024

Test	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Purity (HPLC)	≥ 98.0%	98.9%
Specific Rotation	+74° to +78°	+74.6°
Identity ( <sup>1</sup> H-NMR)	Conforms to structure	Conforms
Moisture (KF)	≤ 0.5%	0.3%
Solubility (5% in Water)	Clear, colorless to pale yellow	Conforms

Approved by:

Date: August 7, 2018

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