

# Specification

## Technical Data Sheet

<b>Product Name</b>	D-(+)-Fucose
<b>Product No</b>	31642524
<b>CAS Number</b>	3615-37-0
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	164.16
<b>Specification</b>	
<b>Appearance</b>	White to off-white crystalline powder
<b>Identification</b>	<sup>1</sup> H NMR in D <sub>2</sub> O: Conforms to structure
<b>Purity (HPLC)</b>	≥ 98.0% (Peak Area)
<b>Solubility</b>	5% water solution: Clear, colourless to very pale yellow
<b>Specific optical rotation</b>	$\alpha_{20}$ (c=2, H <sub>2</sub> O, 24h): +74 to +78°
<b>Water Content (KF)</b>	≥ 0.5%