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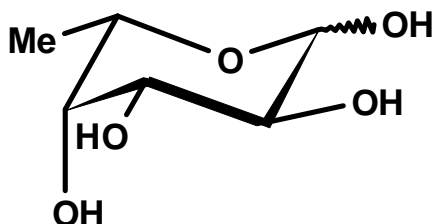
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## Product Specifications

### L-Fucose

CAS 2438-80-4

Structure:



Mol. Formula  
Source

$C_6H_{12}O_5$   
AOF, vegetal-derived, semi-synthetic

Mol. Wt. 164.16

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR, NMR
<b>Appearance</b>	White to off-white microcryst. solid
<b>Mp</b>	Report Results
<b>pH</b> (1% aq. soln.)	5-8
<b>Purity</b> (hplc, area%)	≥ 98 %
<b>Sp. Rot., <math>[\alpha]_D</math></b>	-74° to -77° (c = 4.0 g, 100 mL H <sub>2</sub> O)
<b>Solubility</b> (5% aq. soln.)	Clear, colorless to pale-yellow liq.
<b>LOD</b>	≤ 1%
<b>Water</b> (K-F)	≤ 1%
<b>Ash</b> (residue on ignition)	≤ 0.2%
<b>Heavy metals</b>	≤ 10 ppm
<b><u>Microbiological Specifications</u></b>	
<b>Total plate count</b>	≤ 1,000 CFU/g
<b>Mold &amp; Yeast</b>	≤ 100 CFU/g

*Storage:* Maintain in cool, dry containment.