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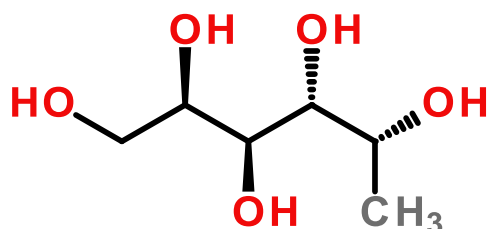
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## Product Specifications

### **L-(-)-Fucitol**

CAS 13074-06-1

Structure:



Mol. Formula  
Source

$C_6H_{14}O_5$   
*Vegetal-derived; semi-synthetic*

Mol. Wt. 166.17

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR
<b>Appearance</b>	White to off white microcryst. solid
<b>Mp</b>	147-149 °C
<b>Purity (hplc, area%)</b>	≥ 98 %
<b>Specific Rot., [α]<sub>D</sub></b>	+ 1.3° to 1.7° (C=1, H <sub>2</sub> O)
<b>LOD</b>	≤ 1%
<b>Water (K-F)</b>	≤ 1%
<b>Ash (residue on ignition)</b>	≤ 0.2%
<b>Heavy metals</b>	< 10 ppm
<b><u>Microbiological Specifications</u></b>	
<b>Total plate count</b>	< 100 CFU/g
<b>Mold &amp; Yeast</b>	< 100 CFU/g

*Storage:* Maintain in cool, dry containment.