

[Jump to Website](#)

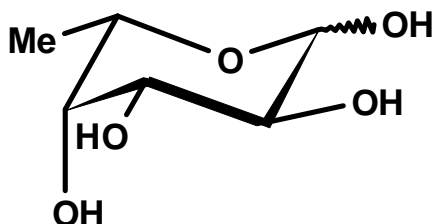
[Request Quote](#)

## Product Specifications

### L-Fucose

CAS 2438-80-4

Structure:



Mol. Formula  
Source

$C_6H_{12}O_5$   
Seaweed

Mol. Wt.

164.16

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR
<b>Appearance</b>	White microcryst. solid
<b>Mp</b>	137-142 °C
<b>pH</b> (1% aq. soln.)	5-8
<b>Purity</b> (hplc, area%)	> 98 %
<b>Sp. Rot., <math>[\alpha]_D</math></b>	-74° to -76° (c = 4.0 g, 100 mL H <sub>2</sub> O)
<b>Solubility</b>	Clear, colorless
<b>LOD</b>	< 1%
<b>Water</b> (K-F)	< 1%
<b>Ash</b> (residue on ignition)	≤ 0.1%
<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.