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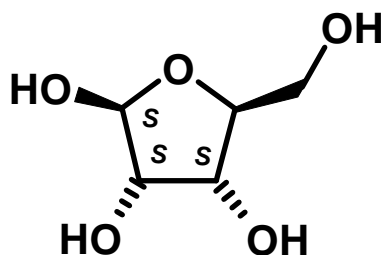
## Product Specifications

### **L-Ribose**

**CAS** 24259-59-4

**Syn:** L-(+)-Ribose

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>**  
*Synthetic*

**Mol. Wt.**

150.13

<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White, microcryst. solid
<b>TLC</b>	Single spot
<b>Mp</b>	83-87 °C
<b>Assay (hplc)</b>	> 99 %
<b>Sp. Rot., [α]<sub>D</sub></b>	+20 ±1°, 28 hr, c = 10% in water
<b>LOD</b>	< 1%
<b>Ash (residue on ignition)</b>	< 0.1%
<b>Heavy metals</b>	< 10 ppm
<b>As</b>	< 2 ppm

**Storage:** Maintain in cool, dry containment.