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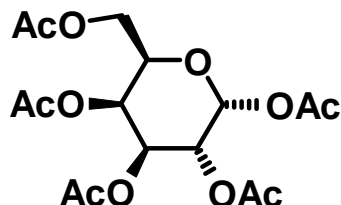
## Product Specifications

### **$\alpha$ -D-Galactose Pentaacetate**

**CAS** 4163-59-1

**Syn:** Pentaacetyl- $\alpha$ -D-galactopyranose; 1,2,3,4,6-Penta-O-acetyl- $\alpha$ -D-galactopyranose

**Structure:**



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

**C<sub>16</sub>H<sub>22</sub>O<sub>11</sub>**  
*Synthetic*

**Mol. Wt.**

390.34

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<i>Test</i>	<i>Specification</i>
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<b>Identity</b>	IR
<b>Appearance</b>	White, crystalline powder
<b>Mp</b>	90-94 °C [Lit.]
<b>Assay</b>	≥ 98%
<b>Specific Rot., [<math>\alpha</math>]<sub>D</sub><sup>20</sup></b>	+ 105° (c = 1.0; CHCl <sub>3</sub> ) [Lit.]
<b>LOD</b>	≤ 1.0%
<b>Ash (residue on ignition)</b>	≤ 0.3%
<b>Heavy metals</b>	≤ 10 ppm

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