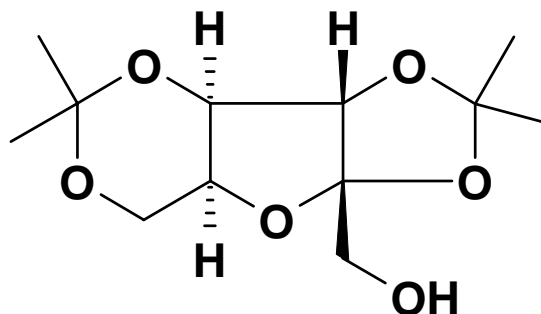


## Product Specifications

<b>Item</b>	<b>Diacetone L-Sorbose</b>
<b>syn:</b>	2,3:4,6-Bis-O-(1-methylethylidene)- $\alpha$ -L-Sorbofuranose $\alpha$ -L-2,3:4,6-Di-O-isopropylidene Sorbofuranose; 2,3:4,6-Di-O-isopropylidene- $\alpha$ -L-sorbofuranose; 2,3:4,6-Di-O-isopropylidene-L-sorbose; Di-O-Isopropylidene-L-sorbose; Diacetone Sorbose; Sorbose Diacetone
<b>CAS No.</b>	<b>17682-70-1</b>
<b>Mol. Formula</b>	<b>C<sub>12</sub>H<sub>20</sub>O<sub>6</sub></b>
<b>Mol. Weight</b>	<b>260.28</b>
<b>Structure</b>	



<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White, microcrystalline solid
<b>Melting Point</b>	N/A
<b>Assay (HPLC)</b>	> 99 %
<b>TLC</b>	Single Spot
<b>Sp. Rot., [<math>\alpha</math>]<sub>D</sub></b>	< -18° [c = 1 in H <sub>2</sub> O]
<b>Heavy Metals</b>	< 10 ppm
<b>Residue on Ignition</b>	< 0.1%
<b>LOD</b>	< 1%