

# Chem-Impex International, Inc.

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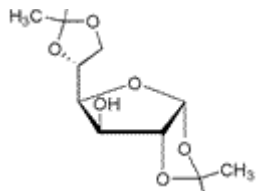
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	06700
<b>Product</b>	<b>Diacetone-D-glucose</b>
	1,2:5,6-Di- <i>O</i> -isopropylidene- $\alpha$ -D-glucofuranose
	1,2:5,6-Di- <i>O</i> -isopropylidene- $\alpha$ -D-glucofuranoside
<b>CAS Number</b>	582-52-5
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>20</sub> O <sub>6</sub>
<b>Molecular Weight</b>	260.29
<b>Appearance</b>	White to off-white powder
<b>Melting Point</b>	105 - 115 °C
<b>Heavy Metals</b>	< 10 ppm
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -17 $\pm$ 2° (C=2 in H <sub>2</sub> O)
<b>Loss on Drying</b>	< 0.5%
<b>Purity by HPLC</b>	$\geq$ 98%
<b>Storage</b>	Store at 0-8°C

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**For Laboratory Use Only**