

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	32421
<b>Product</b>	<b>1,2-O-Isopropylidene-<math>\alpha</math>-D-xylofuranose</b>
<b>Lot Number</b>	002034-20180830 1,2-O-(1-Methylethylidene)- $\alpha$ -D-xylofuranose
<b>CAS Number</b>	20031-21-4
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>14</sub> O <sub>5</sub>
<b>Molecular Weight</b>	190.19

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = - 18.9 ° (C=1 in water)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	99.44%
<b>Purity by HPLC</b>	99.763%
<b>Storage</b>	Store at 2-8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager