

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	27757
<b>Lot Number</b>	001855-12-082
<b>Product</b>	<b>1,2-O-Isopropylidene-<math>\alpha</math>-D-glucofuranose</b>

<b>CAS Number</b>	18549-40-1, 32365-83-6
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<b>Molecular Formula</b>	C <sub>9</sub> H <sub>16</sub> O <sub>6</sub>
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<b>Molecular Weight</b>	220.22
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<b>Appearance</b>	White powder
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<b>Melting Point</b>	160 °C
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<b>Heavy Metals</b>	< 20 ppm
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<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> = -11.9°
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<b>Infrared Spectrum</b>	Conforms to structure
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<b>Loss on Drying</b>	0.24%
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<b>Residue On Ignition</b>	0.08%
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<b>Assay</b>	99.29%
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<b>Purity by TLC</b>	Conforms
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<b>Storage</b>	Store at 0-8 °C
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<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**