

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	32338
<b>Lot Number</b>	001435-1601
<b>Product</b>	<b>1,3,4,6-Tetra-<i>O</i>-acetyl-<math>\beta</math>-D-mannopyranose</b>

$\beta$ -D-Mannopyranose 1,3,4,6-tetra-*O*-acetate

<b>CAS Number</b>	18968-05-3
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>20</sub> O <sub>10</sub>
<b>Molecular Weight</b>	348.3

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -23.1 $\pm$ 0.4 ° (C=1 in CHCl <sub>3</sub> )
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.8%
<b>Storage</b>	Store at 2-8 °C

<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**