

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	32202
<b>Lot Number</b>	002988-307011
<b>Product</b>	<b>1,2,3,4-Tetra-O-acetyl-<math>\alpha</math>-L-fucopyranose</b> 1,2,3,4-Tetra-O-acetyl- $\alpha$ -L(-)-fucose
<b>CAS Number</b>	64913-16-2 / 24332-95-4
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>20</sub> O <sub>9</sub>
<b>Molecular Weight</b>	332.3

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<b>Appearance</b>	White powder
<b>TLC System</b>	Isohexane:EtOAc 4:1
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -114.8 $\pm$ 0.2 $^{\circ}$ (C=1 in CHCl <sub>3</sub> )
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	98.1%
<b>Purity by TLC</b>	> 98%
<b>Storage</b>	Store at 2-8 $^{\circ}$ 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**