

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	21371
<b>Lot Number</b>	001435-0643661301
<b>Product</b>	<b>p-Nitrophenyl-β-D-lactopyranoside</b>  4-Nitrophenyl-β-D-lactopyranoside
<b>CAS Number</b>	4419-94-7
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>25</sub> NO <sub>13</sub>
<b>Molecular Weight</b>	463.39

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -68.09° (C=0.5 in H <sub>2</sub> O)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 99.9%
<b>Storage</b>	Store at 0-8°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**