

# 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>	32311
<b>Product</b>	<b>4-Nitrophenyl <math>\alpha</math>-D-Glucuronide</b>
<b>Lot Number</b>	000933-8
	4-Nitrophenyl $\alpha$ -D-glucopyranosiduronic acid
<b>CAS Number</b>	71484-85-0
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>13</sub> NO <sub>9</sub>
<b>Molecular Weight</b>	315.23

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<b>Appearance</b>	Very pale yellow crystalline powder
<b>Elemental Analysis (Found)</b>	Nitrogen : 4.14%
<b>Optical Rotation</b>	$[\alpha]_D^{20} = 161.5^\circ$ (C=0.7 in EtOH)
<b>Purity by HPLC</b>	97.3%
<b>Storage</b>	Store at $\leq -10^\circ\text{C}$
<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