

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	01407
<b>Lot Number</b>	001435-0000028920
<b>Product</b>	<b>D(+)-Cellobiose</b> $\beta$ -D-Glucopyranosyl[1@4]-D-glucopyranose
<b>CAS Number</b>	528-50-7
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>
<b>Molecular Weight</b>	342.3

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear colorless solution (5% in H <sub>2</sub> O)
<b>Melting Point</b>	236 °C
<b>Optical Rotation</b>	$[\alpha]_D^{20} = 34^\circ$ (C=4 in H <sub>2</sub> O, 15h)
<b>Purity by HPLC</b>	99%
<b>Storage</b>	Store at RT
<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