

# 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>	27753
<b>Lot Number</b>	001684-20210605
<b>Product</b>	<b>1-Thio-β-D-glucose sodium salt</b> Thioglucose sodium salt
<b>CAS Number</b>	10593-29-0
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> O <sub>5</sub> SNa
<b>Molecular Weight</b>	218.2

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<b>Appearance</b>	White powder
<b>Solubility</b>	Easily soluble in water, insoluble in chloroform
<b>Heavy Metals</b>	< 50 ppm
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 98% (NMR)
<b>Purity by TLC</b>	One spot
<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**