

# Chem-Impex International, Inc.

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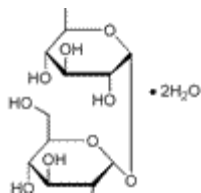
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00766
<b>Product</b>	<b>D(+)-Trehalose dihydrate</b> $\alpha,\alpha$ -Trehalose dihydrate $\alpha$ -D-Glucopyranosyl- $\alpha$ -D-glucopyranoside dihydrate
<b>CAS Number</b>	6138-23-4
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub> •2H <sub>2</sub> O
<b>Molecular Weight</b>	378.3

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<b>Appearance</b>	White to pale white crystalline powder
<b>Water Content (Karl Fisher)</b>	9 - 11%
<b>Yeast and Mold</b>	≤ 100 cfu/g
<b>Optical Rotation</b>	[ $\alpha$ ] <sup>20</sup> <sub>D</sub> = 197 - 201 °
<b>Microbial Count</b>	≤ 100 cfu/g (TAC)
<b>Purity by HPLC</b>	97 - 102%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**