

# Chem-Impex International, Inc.

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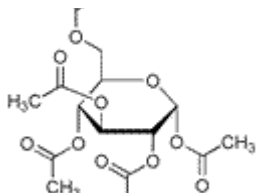
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 21949   |
| <b>Product</b>           | <b>α-D-Glucose pentaacetate</b><br>1,2,3,4,6-Penta-O-acetyl-α-D-glucopyranose<br>Penta-O-acetyl-α-D-glucopyranoside |
| <b>CAS Number</b>        | 604-68-2  |
| <b>Molecular Formula</b> | C <sub>16</sub> H <sub>22</sub> O <sub>11</sub>   |
| <b>Molecular Weight</b>  | 390.34  |

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|                         |   |
|-------------------------|---|
| <b>Appearance</b>       | White to almost white powder                |
| <b>Melting Point</b>    | 109 - 114 °C                                |
| <b>Heavy Metals</b>     | ≤ 20 ppm                                    |
| <b>Optical Rotation</b> | [α] <sub>D</sub> <sup>20</sup> = 99 - 104 ° |
| <b>Loss on Drying</b>   | ≤ 1%  |
| <b>Purity by GC</b>     | ≥ 99%                                       |
| <b>Storage</b>          | Store at RT                                 |

**For Laboratory Use Only**