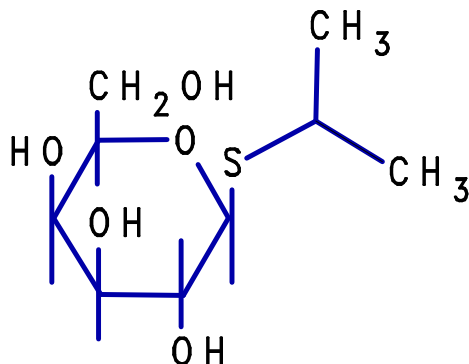


## SPECIFICATIONS

### ISOPROPYL- $\beta$ -D-THIOGALACTOPYRANOSIDE, NON-ANIMAL ORIGIN



<b>Catalogue Number</b>	<b>1900</b>
<b>CAS Registry Number</b>	<b>367-93-1</b>
<b>Molecular Formula</b>	<b>C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S</b>
<b>Molecular Weight</b>	<b>238.31 g.mol<sup>-1</sup></b>
<b>Solubility (200 mM aq)</b>	<b>Clear and colorless</b>
<b>I.R.</b>	<b>Consistent with assigned structure</b>
<b>N.M.R. (D<sub>2</sub>O)</b>	<b>Consistent with assigned structure</b>
<b>Melting Point</b>	<b>112°C ± 2°C</b>
<b>Appearance</b>	<b>White crystalline powder</b>
<b>Specific Rotation</b>	<b>-31.5 ± 3.0°</b>
<b>HPLC</b>	<b>≥ 99.0%</b>
<b>Storage</b>	<b>2-8°C</b>

**SPEC1900-0**  
**March 11, 2005**

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