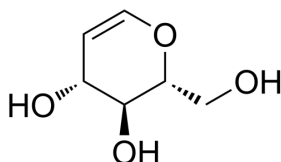


## Certificate of Analysis

**Product Name:** D-Glucal  
**Cat. No.:** CS-0204658  
**CAS No.:** 13265-84-4  
**Batch No.:** 339727  
**Chemical Name:** D-arabino-Hex-1-enitol, 1,5-anhydro-2-deoxy-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>6</sub>H<sub>10</sub>O<sub>4</sub>  
**Molecular Weight:** 146.14  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**MS:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**Optical Rotation[α]:** -9° (C=0.01g/ml H<sub>2</sub>O)  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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