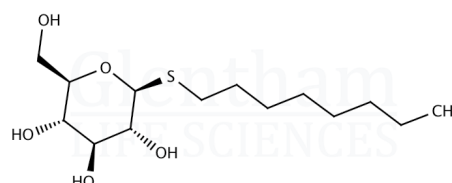


## Certificate of Analysis

|               |                               |
|---------------|-------------------------------|
| Product Name  | Octyl b-D-thioglucopyranoside |
| Glentham Code | GC7634                        |
| CAS Number    | 85618-21-9                    |
| MDL Number    | MFCD00012189                  |
| PubChem SID   | 310278303                     |
| Batch Number  | 329TCV                        |

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|                   |                                                  |
|-------------------|--------------------------------------------------|
| Molecular Weight  | 308.44                                           |
| Molecular Formula | C <sub>14</sub> H <sub>28</sub> O <sub>5</sub> S |
| Storage Temp.     | -20°C                                            |



| Property                                         | Specification                            | Batch 329TCV               |
|--------------------------------------------------|------------------------------------------|----------------------------|
| Physical Description                             | White or almost white crystalline powder | White crystalline powder   |
| Solubility (5% in water)                         | Clear, colourless solution               | Clear, colourless solution |
| Specific Optical Rotation ([α] <sub>25/D</sub> ) | -51.5 - -54.0 ° (c=1, MeOH)              | -53.6°                     |
| Melting Point                                    | 123 - 128 °C                             | 124°C                      |
| Purity (HPLC)                                    | ≥ 98.0%                                  | 99.6%                      |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2021-08-10 |
| Re-Test Date          | 2029-09-08 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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