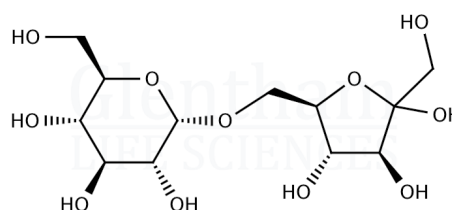


## Certificate of Analysis

|                |              |
|----------------|--------------|
| Product Name   | Palatinose   |
| Glentham Code  | GP6134       |
| CAS Number     | 13718-94-0   |
| EINECS         | 237-282-1    |
| MDL Number     | MFCD00076094 |
| Additional CAS | 343336-76-5  |
| Additional CAS | 58166-27-1   |
| PubChem SID    | 310278470    |
| Batch Number   | 016Y TZ      |

|                   |                                  |
|-------------------|----------------------------------|
| Molecular Weight  | 342.30 (anhydrous)               |
| Molecular Formula | $C_{12}H_{22}O_{11} \cdot xH_2O$ |
| Storage Temp.     | +20°C                            |



| Property             | Specification                         | Batch 016Y TZ            |
|----------------------|---------------------------------------|--------------------------|
| Physical Description | White to off-white crystalline powder | White crystalline powder |
| Purity (HPLC)        | ≥ 98.0%                               | 99.9%                    |
| Melting Point        | 118.0 - 127.0 °C                      | 125.8°C                  |
| Water                | ≤ 6.0%                                | 5.5%                     |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2014-06-16 |
| Re-Test Date          | 2028-06-18 |

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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