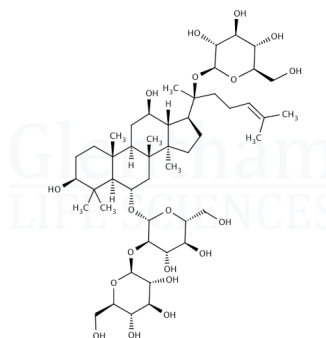


## Certificate of Analysis

Product Name Ginsenoside Rd  
Glentham Code GC2429  
CAS Number 52705-93-8  
EINECS 258-118-5  
PubChem SID 310274121  
Batch Number 478EIN

Molecular Weight 947.15  
Molecular Formula  $C_{48}H_{82}O_{18}$   
Storage Temp. +4°C



| Property             | Specification               | Batch 478EIN     |
|----------------------|-----------------------------|------------------|
| Physical Description | White to pale yellow powder | Off-white powder |
| Identification (NMR) | To conform to standard      | Conforms         |
| Water (KF)           | ≤ 5.0%                      | 1.1%             |
| Purity (HPLC)        | ≥ 98.0%                     | 99.9%            |

Specification Version v1.0  
Manufacture Date 2021-12-27  
Re-Test Date 2030-01-04

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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