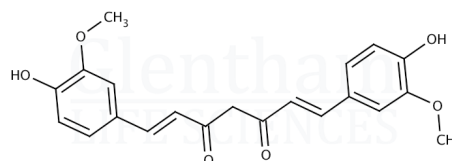


## Certificate of Analysis

Product Name Curcumin  
Glentham Code GP8291  
CAS Number 458-37-7  
EINECS 207-280-5  
MDL Number MFCD00008365  
PubChem SID 310270567  
Batch Number 471GBZ

Molecular Weight 368.39  
Molecular Formula  $C_{21}H_{20}O_6$   
Storage Temp. -20°C



| Property                   | Specification  | Batch 471GBZ                  |
|----------------------------|--|-------------------------------|
| Physical Description       | Yellow or orange powder  | Orange powder                 |
| Solubility (1% in ethanol) | Clear to very slightly turbid, colourless to pale yellow-orange solution | Clear, yellow-orange solution |
| Heavy Metals               | ≤ 10ppm  | Conforms                      |
| Water                      | ≤ 7.0%   | 0.93%                         |
| Curcumin                   | ≥ 60.0% (HPLC)   | 73.6%                         |
| Curcuminoid Content        | ≥ 95.0% (HPLC)   | 95.2%                         |

Specification Version v1.1  
Manufacture Date 2022-07-17  
Re-Test Date 2031-09-02

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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