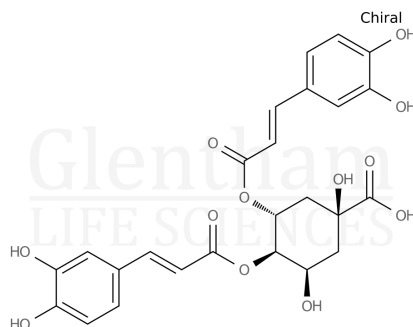


## Certificate of Analysis

|               |                           |
|---------------|---------------------------|
| Product Name  | 3,4-Dicaffeoylquinic acid |
| Glentham Code | GY6814                    |
| CAS Number    | 14534-61-3                |
| Batch Number  | 681NGO                    |

|                   |   |
|-------------------|---|
| Molecular Weight  | 516.46  |
| Molecular Formula | C <sub>25</sub> H <sub>24</sub> O <sub>12</sub> |
| Storage Temp.     | +4°C  |



| Property             | Specification                                | Batch 681NGO |
|----------------------|--|--------------|
| Physical Description | Off-white to pale yellow or grey-brown solid | Grey solid   |
| Water                | ≤ 3.0%                                       | 1.06%        |
| Assay (HPLC)         | ≥ 98.0%                                      | 98.26%       |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2020-07-03 |
| Re-Test Date          | 2029-02-25 |

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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