

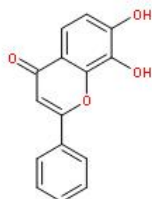
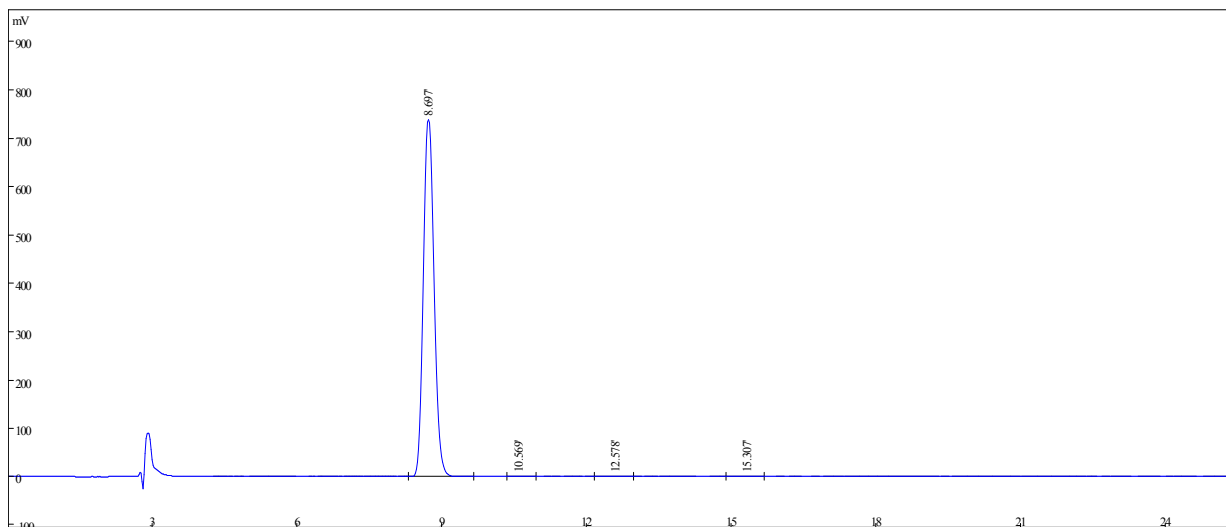


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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: E-043-180910

| Certificate Of Analysis                                                                         |               |                                                                                                                                                                                                                                                           |          |        |                  |      |                        |      |  |
|-------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|------------------|------|------------------------|------|--|
| Chinese Name                                                                                    |               | 7,8-二羟基黄酮                                                                                                                                                                                                                                                 |          |        | Botanical Source |      |                        |      |  |
| English Name                                                                                    |               | 7,8-Dihydroxy-2-phenyl-4H-chromen-4-one                                                                                                                                                                                                                   |          |        | CAS Number       |      | 38183-03-8             |      |  |
| Mol. Formula                                                                                    |               | C15H10O4                                                                                                                                                                                                                                                  |          |        | Mol. Weight      |      | 254.2375               |      |  |
| Solubility                                                                                      |               | Methanol                                                                                                                                                                                                                                                  |          |        | Appearance       |      | White powder           |      |  |
| Loss on drying                                                                                  |               | ≤2.0%                                                                                                                                                                                                                                                     |          |        | Purity           |      | 99.71%                 |      |  |
| QC                                                                                              |               | HPLC:甲醇：0.2%磷酸水=60：40    波长 266nm 淡黄色粉末 80%DMSO 溶样 1mg/ml 3u1                                                                                                                                                                                             |          |        |                  |      |                        |      |  |
| Structure                                                                                       |               | <div></div>                                                                                                                                                              |          |        |                  |      |                        |      |  |
| 7,8-Dihydroxy-2-phenyl-4H-chromen-4-one    HPLC                                                 |               |                                                                                                                                                                                                                                                           |          |        |                  |      |                        |      |  |
| <div></div> |               |                                                                                                                                                                                                                                                           |          |        |                  |      |                        |      |  |
| Peak#                                                                                           | Ret time[min] | Area%                                                                                                                                                                                                                                                     | Area     | Height | Resolution       | N    | Effective plate number | T    |  |
| 1                                                                                               | 8.697         | 99.71                                                                                                                                                                                                                                                     | 10611230 | 738414 | 13.495           | 4.79 | 8548                   | 0    |  |
| 2                                                                                               | 10.569        | 0.0299                                                                                                                                                                                                                                                    | 3182     | 212    | 14.096           | 4.02 | 11570                  | 363  |  |
| 3                                                                                               | 12.578        | 0.03521                                                                                                                                                                                                                                                   | 3747     | 166    | 21.199           | 4.60 | 7244                   | 689  |  |
| 4                                                                                               | 15.307        | 0.2222                                                                                                                                                                                                                                                    | 23645    | 1072   | 20.714           | 0.00 | 11238                  | 2095 |  |
| Total                                                                                           |               | 100                                                                                                                                                                                                                                                       | 10641804 | 739864 |                  |      |                        |      |  |
| Storage                                                                                         |               | Stored without light and heat. Stored in cool, dry , airproof and innocuous conditions                                                                                                                                                                    |          |        |                  |      |                        |      |  |
| Remarks                                                                                         |               | 即配即用，仅限于实验时使用，不能用于人体。<br>如遇质量问题，请于收到产品之日起 15 日内与我们联系。<br>Namely with the use, only in the experimental use, can not be used for the human body.<br>In case of quality problems, please contact us within 15 days from the date of receipt of the product. |          |        |                  |      |                        |      |  |

Review date : 2018-09-10

Report date : 2018-09-10

Operator: chenli

Q.C manager: Zhengxin