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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: H-049-160617

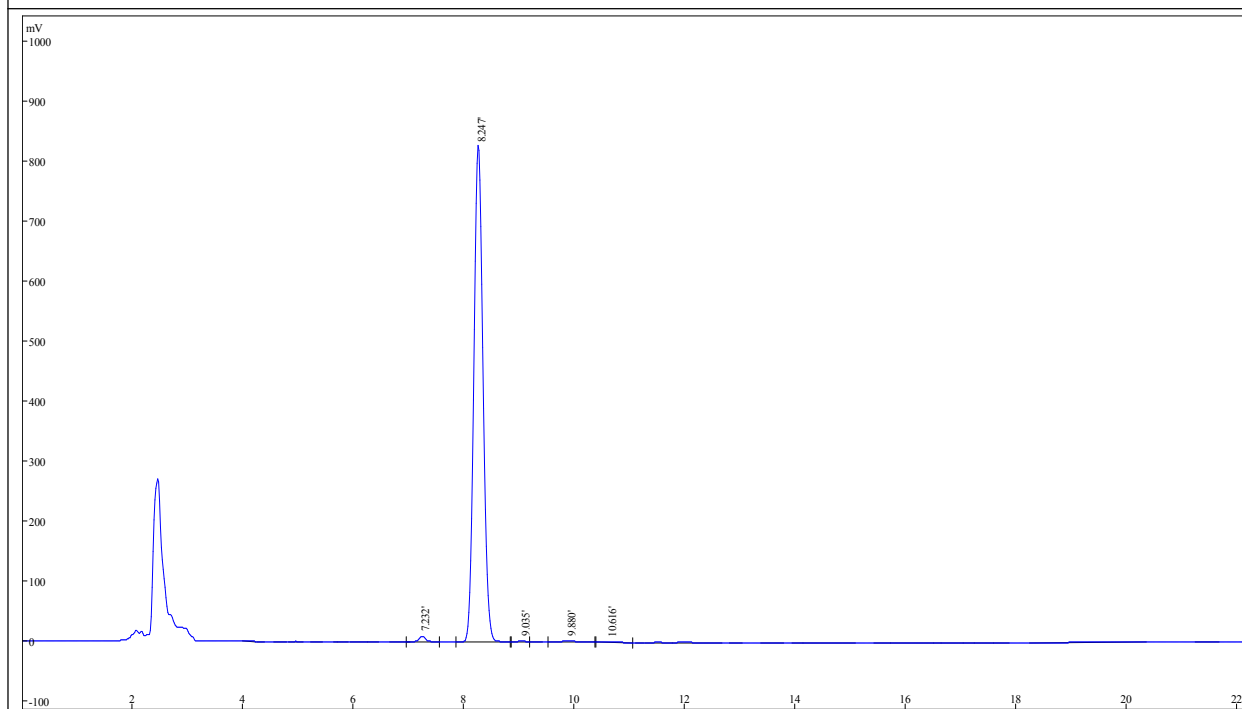
**Certificate Of Analysis**

|                       |                |                         |              |
|-----------------------|----------------|-------------------------|--------------|
| <b>Chinese Name</b>   | 葫芦素 E          | <b>Botanical Source</b> |              |
| <b>English Name</b>   | Cucurbitacin E | <b>CAS Number</b>       | 18444-66-1   |
| <b>Mol. Formula</b>   | C32H44O8       | <b>Mol. Weight</b>      | 556.69       |
| <b>Solubility</b>     | Methanol       | <b>Appearance</b>       | White powder |
| <b>Loss on drying</b> | ≤2.0%          | <b>Purity</b>           | 98.16%       |

**QC** HPLC: 乙腈: (水: 冰醋酸=50:0.1) =60:40 波长 234nm



**Cucurbitacin E HPLC**



| Peak#        | Ret time[min] | Area%  | Area    | Height | Resolution | N     | Effective plate number | T    |
|--------------|---------------|--------|---------|--------|------------|-------|------------------------|------|
| 2            | 8.247         | 98.16  | 9579917 | 832303 | 2.86       | 11978 | 181                    | 1.09 |
| 3            | 9.035         | 0.1078 | 10526   | 1141   | 2.41       | 22383 | 891                    | 1.17 |
| 4            | 9.880         | 0.4871 | 47547   | 2778   | 1.83       | 7776  | 558                    | 1.35 |
| 5            | 10.616        | 0.1408 | 13747   | 1042   | 3.38       | 15109 | 1535                   | 0.91 |
| <b>Total</b> |               | 100    | 9759909 | 848206 |            |       |                        |      |

|                   |   |
|-------------------|---|
| <b>Storage</b>    | Stored without light and heat. Stored in cool, dry, airproof and innocuous conditions |
| <b>Expiration</b> | Two years (2018-06-16) under conditions list above.                                   |

Report date : 2016-06-17

Operator: chenli

Q.C manager: Zhengxin