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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: T-034-170426

| Certificate Of Analysis                 |  |                  |              |        |            |       |                        |      |
|---|--|------------------|--------------|--------|------------|-------|------------------------|------|
| Chinese Name                            | 乙酰基-11-酮基-beta-乳香酸   | Botanical Source |              |        |            |       |                        |      |
| English Name                            | Acetyl-11-keto-beta-boswellic acid   | CAS Number       | 67416-61-9   |        |            |       |                        |      |
| Mol. Formula                            | C32H48O5   | Mol. Weight      | 512.72       |        |            |       |                        |      |
| Solubility                              | Methanol   | Appearance       | White powder |        |            |       |                        |      |
| Loss on drying                          | ≤2.0%  | Purity           | 98.60%       |        |            |       |                        |      |
| QC                                      | HPLC: 乙腈: 0.2%磷酸水=90:10 波长=249nm   |                  |              |        |            |       |                        |      |
| Structure                               |  |                  |              |        |            |       |                        |      |
| Acetyl-11-keto-beta-boswellic acid HPLC |  |                  |              |        |            |       |                        |      |
|   |  |                  |              |        |            |       |                        |      |
| Peak#                                   | Ret time[min]  | Area%            | Area         | Height | Resolution | N     | Effective plate number | T    |
| 1                                       | 4.170  | 0.045            | 7902         | 1376   | 0.44       | 12303 | 0                      | 1.15 |
| 2                                       | 9.069  | 0.0703           | 12346        | 956    | 2.09       | 11507 | 3358                   | 1.53 |
| 3                                       | 9.715  | 0.02092          | 3674         | 356    | 1.35       | 20674 | 6735                   | 0.96 |
| 4                                       | 10.084   | 0.01847          | 3243         | 318    | 2.08       | 22814 | 7847                   | 0.84 |
| 5                                       | 10.733   | 0.3895           | 68397        | 5156   | 2.23       | 15276 | 5712                   | 1.15 |
| 6                                       | 11.521   | 0.4763           | 83639        | 6289   | 4.20       | 17511 | 7129                   | 1.18 |
| 7                                       | 13.179   | 0.3272           | 57458        | 3498   | 1.32       | 15022 | 7020                   | 1.07 |
| 8                                       | 13.723   | 0.03724          | 6541         | 450    | 1.45       | 20801 | 10080                  | 0.94 |
| 9                                       | 14.358   | 0.01768          | 3105         | 168    | 3.56       | 14083 | 7091                   | 0.94 |
| 10                                      | 16.358   | 98.6             | 17314880     | 727041 | 0.00       | 11009 | 6112                   | 1.09 |
| Total                                   | 100  | 17561185         | 745608       |        |            |       |                        |      |
| 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 : 2017-04-26

Report date : 2017-04-26

Operator: chenli

Q.C manager: Zhengxin