

## 产品分析证书 Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N0680

中文名称: 蛇床子素

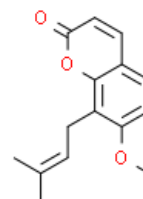
English Name: Osthol

CAS No.: 484-12-8

分子式 (M. F.): C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>

分子量 (M. W.): 244.29

批号 (Batch No.): 2206068001



### 检测项目及结果 (Specifications&results)

| 检验项目 (Test Item) | 检验规格 (Specifications)       | 检验结果 (Results)  |
|------------------|-----------------------------|-----------------|
| 颜色 Color         | 白色至类白色 (White to Off-white) | 类白色 (Off-white) |
| 外观 Appearance    | 粉末或固体 (Powder or Solid)     | 粉末 (Powder)     |
| 纯度 Purity        | 98%                         | Conforms        |
| 质谱 Mass          | Comply with the structure   | Conforms        |
| 核磁 NMR           | Comply with the structure   | Conforms        |

### 检测信息 (Detection Information)

|                         |                              |
|-------------------------|------------------------------|
| 色谱柱 (Column)            | Hypersil ODS-2 250*4.6mm 5μm |
| 流动相 (Mobile phase)      | A 甲醇; B 纯水                   |
| 检测波长 (Detection mode)   | 330nm                        |
| 柱温 (Column temperature) | 30                           |

贮存条件 (Storage): 2~8℃, protected from light, keep package airproofed. <-15℃ when not in use for a long time. (密封保存, 置于阴凉干燥处, 长期不使用最好放置于-15℃以下环境中)

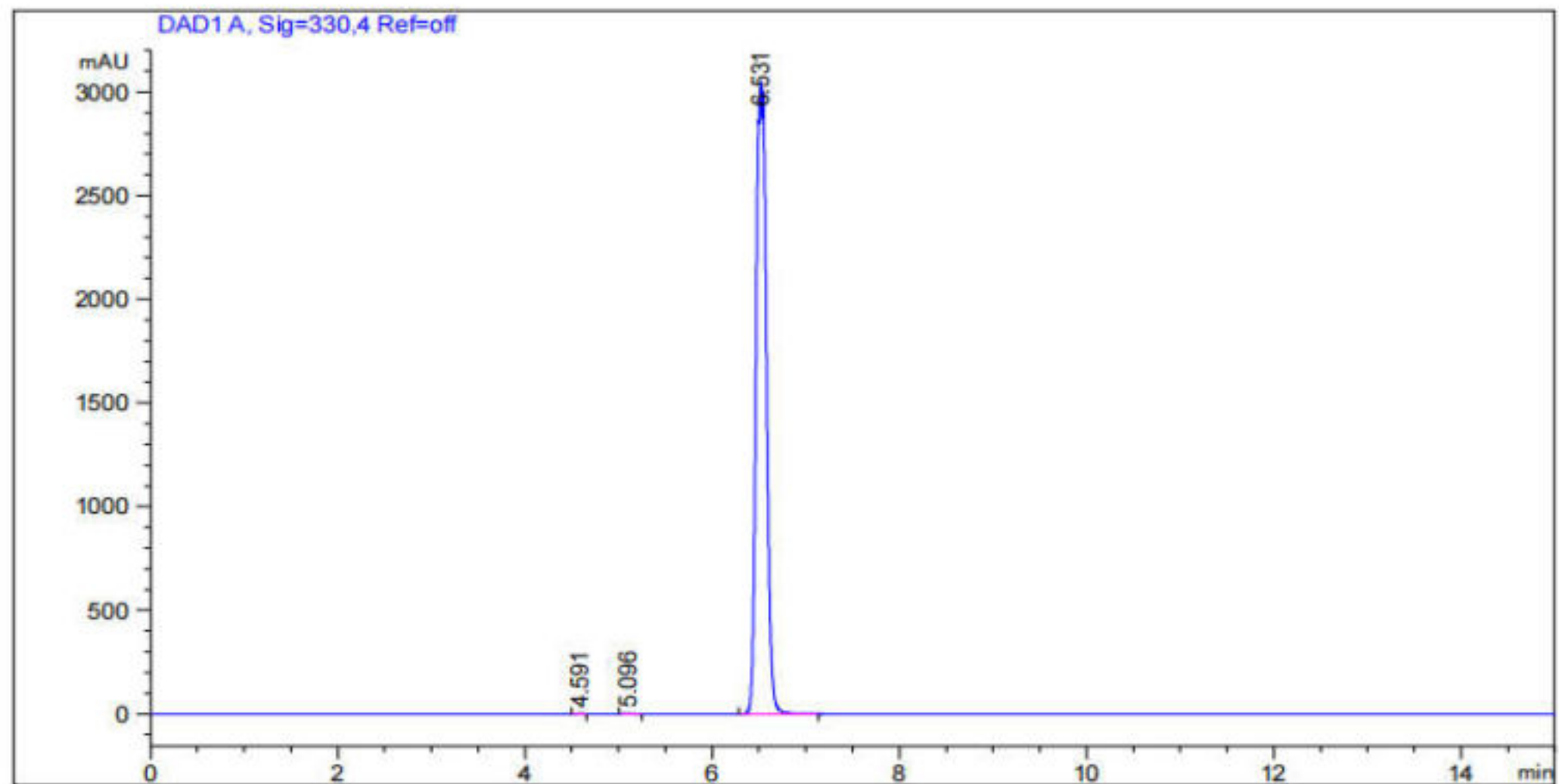
温馨提示 (Reminder): The sample solutions should be prepared immediately before use. (请现配现用)



QA: Joy Li

产品售后 (After-sale service): In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

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信号 1: DAD1 A, Sig=330,4 Ref=off

| 峰<br># | 保留时间<br>[min] | 类型 | 峰宽<br>[min] | 峰面积<br>[mAU*s] | 峰高<br>[mAU] | 峰面积<br>% |
|--------|---------------|----|-------------|----------------|-------------|----------|
| 1      | 4.591         | BB | 0.0569      | 11.28652       | 2.44338     | 0.0482   |
| 2      | 5.096         | BB | 0.0684      | 18.47389       | 3.45500     | 0.0789   |
| 3      | 6.531         | BB | 0.0921      | 2.33907e4      | 3028.43018  | 99.8729  |

总量 : 2.34204e4 3034.32855

# <sup>1</sup>H-NMR 蛇床子素

