

## 产品分析证书 Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N1609

中文名称: 次乌头碱

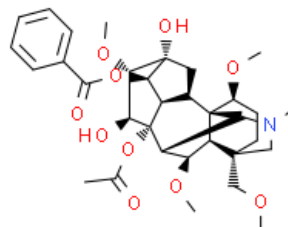
English Name: Hypaconitine

CAS No.: 6900-87-4

分子式 (M. F.): C<sub>33</sub>H<sub>45</sub>NO<sub>10</sub>

分子量 (M. W.): 615.72

批号 (Batch No.): N2506160901



### 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)      | 乙腈: 50mmol/L 醋酸铵水溶液          |
| 检测波长 (Detection mode)   | 235nm                        |
| 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)

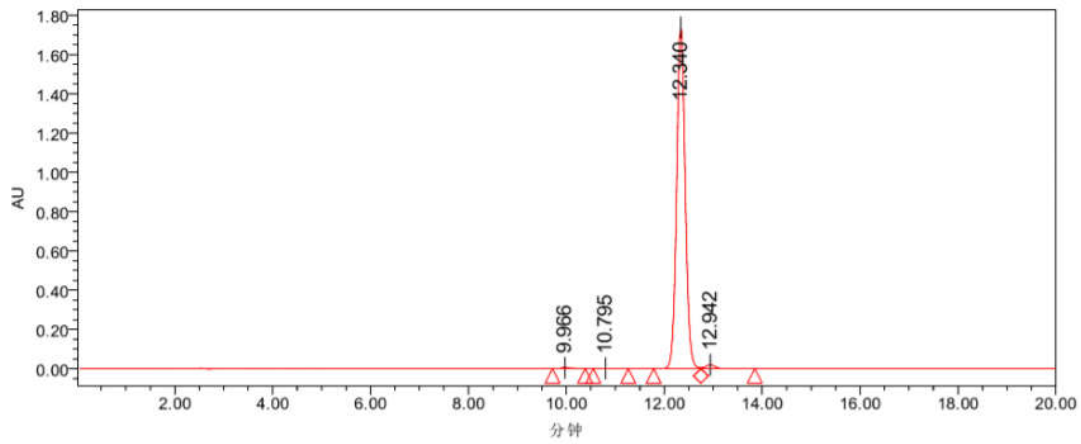


QA: Joy Li

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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## HPLC



峰结果

| 名称 | 保留时间<br>(分钟) | 面积<br>(微伏*秒) | 高度<br>(微伏) | % 面积  |
|----|--------------|--------------|------------|-------|
| 1  | 9.966        | 75749        | 4571       | 0.35  |
| 2  | 10.795       | 25315        | 1372       | 0.12  |
| 3  | 12.340       | 21127868     | 1744449    | 98.27 |
| 4  | 12.942       | 270474       | 20044      | 1.26  |

## MS

