

产品分析证书  
Certificate of Analysis

## 产品信息(Product Information)

产品编号 (CAT No.): N1618

中文名称: 乌头碱

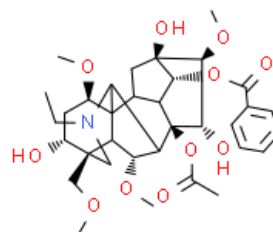
English Name: Aconitine

CAS No.: 302-27-2

分子式 (M. F.): C<sub>34</sub>H<sub>47</sub>NO<sub>11</sub>

分子量 (M. W.): 645.746

批号 (Batch No.): N2416182035



## 检测项目及结果 (Specifications&amp;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)      | 50%乙腈-0.1%磷酸水溶液 (0.2%三乙胺调 (碱性)) |
| 检测波长 (Detection mode)   | 230nm                           |
| 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)

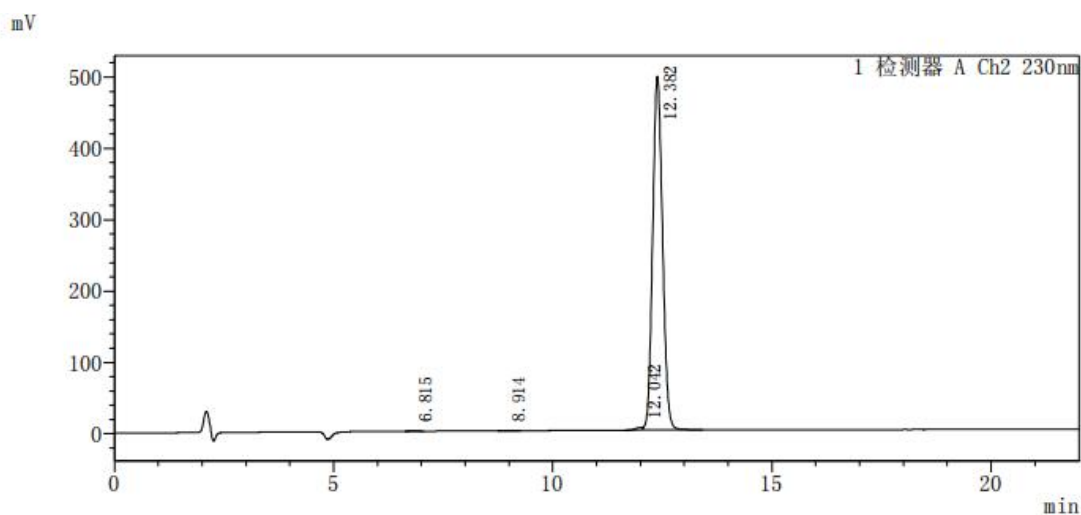


QA: Joy Li

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 Chromatogram



### <峰表>

检测器 A Ch2 230nm

| 峰号 | 保留时间   | 面积      | 高度     | 面积%     | 理论塔板数 (USP) | 分离度 (USP) |
|----|--------|---------|--------|---------|-------------|-----------|
| 1  | 6.815  | 8789    | 756    | 0.112   | 7183        | —         |
| 2  | 8.914  | 4158    | 331    | 0.053   | 11694       | 6.445     |
| 3  | 12.042 | 38273   | 3192   | 0.489   | —           | —         |
| 4  | 12.382 | 7772917 | 495887 | 99.345  | 14026       | —         |
| 总计 |        | 7824137 | 500165 | 100.000 |             |           |

**NMR:**

