

## 产品分析证书

# Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N1616

中文名称: 冉乌头碱

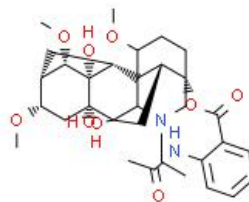
English Name: Ranaconitine

CAS No.: 1360-76-5

分子式 (M. F.): C<sub>32</sub>H<sub>44</sub>N<sub>2</sub>O<sub>9</sub>

分子量 (M. W.): 600.709

批号 (Batch No.): W240516162205



### 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)            | C18, 4.6*250 mm, 5μm                                                                 |
| 流动相 (Mobile phase)      | A: Acetonitrile B: 0.2% Triethylamine Phosphoric acid in water = A: 20%-60%, 0-15min |
| 检测波长 (Detection mode)   | 254nm                                                                                |
| 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)

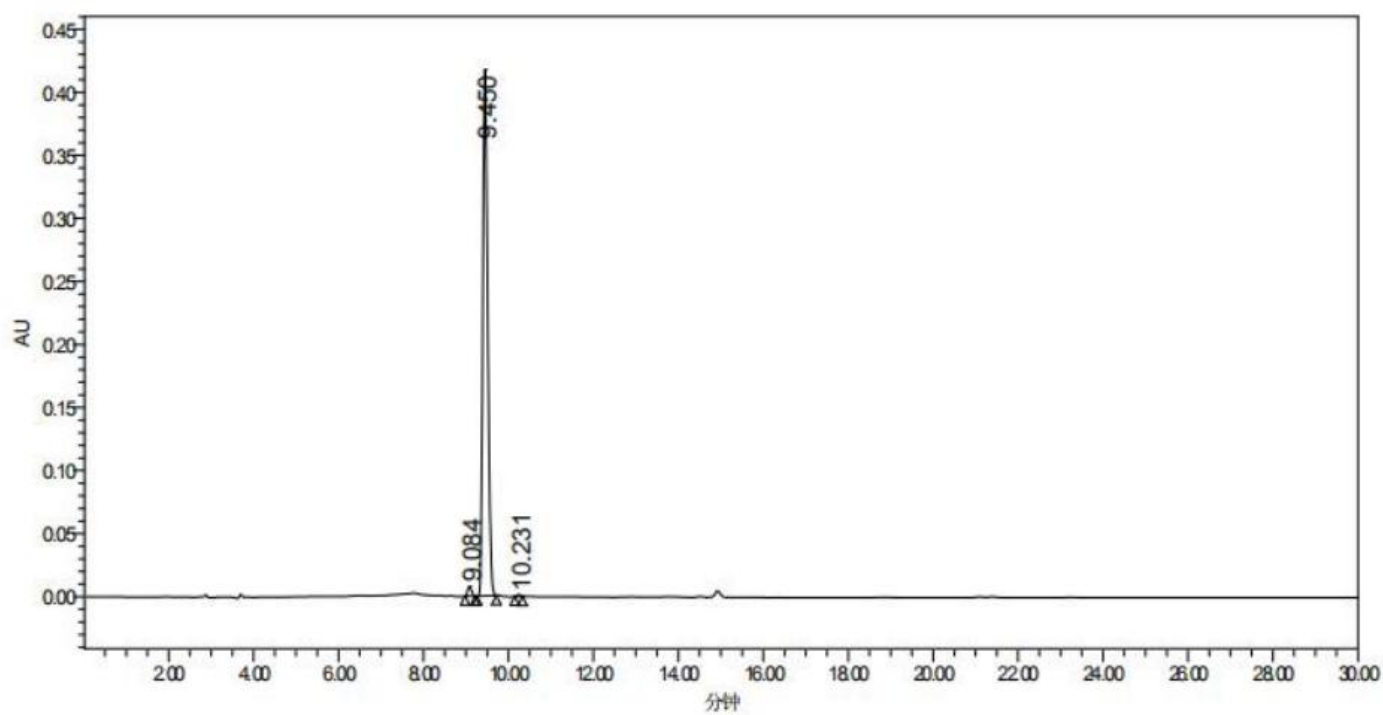


QA: Joy Li

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



|   | 名称 | 保留时间   | 面积      | %面积   |
|---|----|--------|---------|-------|
| 1 |    | 9.084  | 51190   | 1.51  |
| 2 |    | 9.450  | 3330416 | 98.30 |
| 3 |    | 10.231 | 6255    | 0.18  |

## NMR

