

## 产品分析证书 Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N1409

中文名称: 盐酸小檗碱

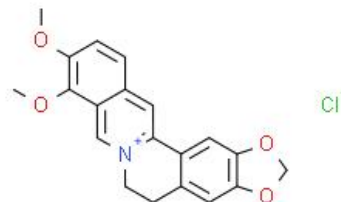
English Name: Berberine hydrochloride

CAS No.: 633-65-8

分子式 (M. F.): C<sub>20</sub>H<sub>18</sub>CLNO<sub>4</sub>

分子量 (M. W.): 371.817

批号 (Batch No.): N2309140901



### 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         | 淡黄色至黄色 (light yellow to Yellow) | 黄色 (yellow)    |
| 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       |

贮存条件 (Storage): 2~8℃, protected from light, keep package airtight. <-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)

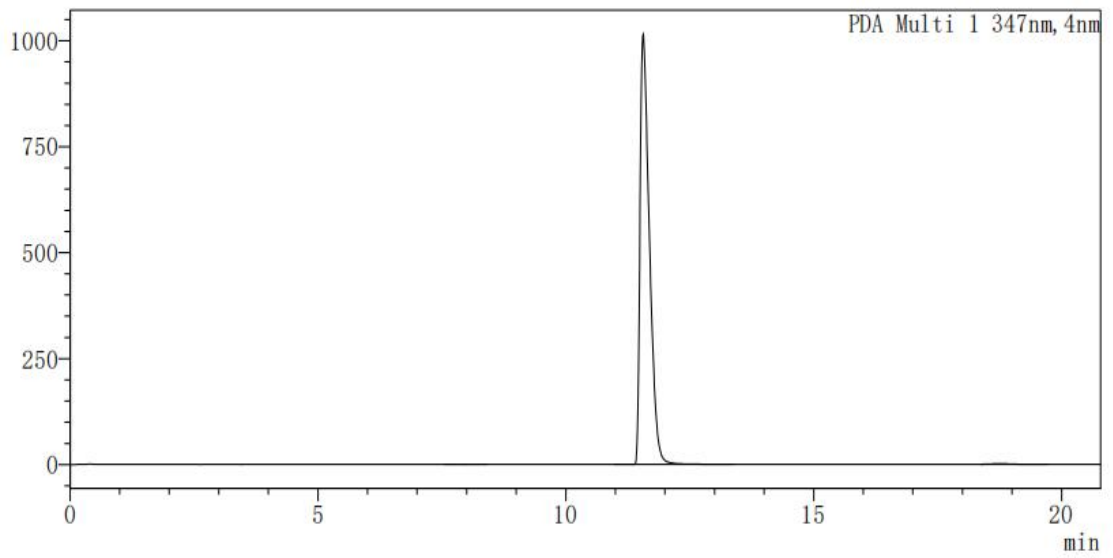


QA: Joy Li

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)

(We appreciate you much when publishing your paper and marking the chemical purchase from Naturewill Biotechnology Co., Ltd. (Chengdu, China) 当发表论文时, 请您标注化合物购买于四川恒诚致远生物科技有限公司, 非常感谢您的支持。)

# HPLC



## <峰表>

PDA Ch1 347nm

| 峰号 | 保留时间   | 面积       | 面积%     | 高度      | 理论塔板数 (USP) | 分离度 (USP) |
|----|--------|----------|---------|---------|-------------|-----------|
| 1  | 7.727  | 4078     | 0.030   | 421     | 13563       | --        |
| 2  | 8.112  | 3411     | 0.025   | 325     | 12999       | 1.400     |
| 3  | 11.139 | 1529     | 0.011   | 171     | 31262       | 11.282    |
| 4  | 11.559 | 13351486 | 99.600  | 1015161 | 16309       | 1.368     |
| 5  | 18.811 | 44650    | 0.333   | 1389    | 7305        | 11.674    |
| 总计 |        | 13405153 | 100.000 | 1017468 |             |           |

