

产品分析证书 Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N1237

中文名称: 苦参碱

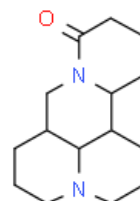
English Name: Matrine

CAS No.: 519-02-8

分子式 (M. F.): C₁₅H₂₄N₂O

分子量 (M. W.): 248.37

批号 (Batch No.): N2303123711



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) | 乙腈为流动相A, 0.1%磷酸 (加0.1%三乙胺) 溶液为流动相B |
| 检测波长 (Detection mode) | 345nm |
| 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)

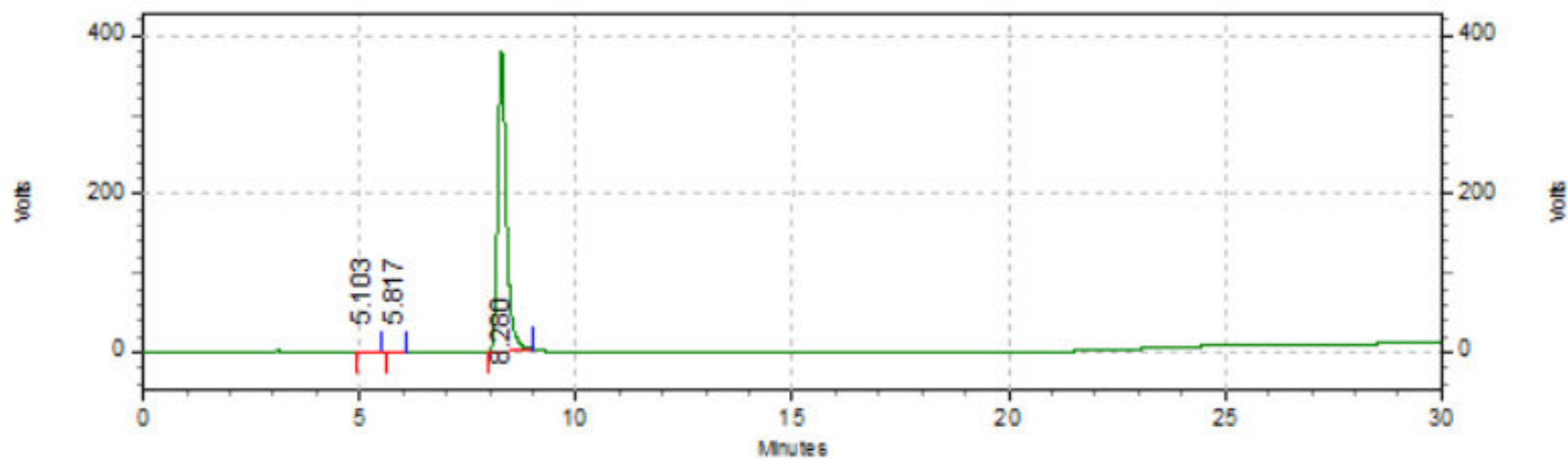
温馨提示 (Reminder): The sample solutions should be prepared immediately before use. (请现配现用)



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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UV1000-220nm

Results

| 保留时间 | 面积 | 面积百分比 | 峰高 | 高度百分比 |
|---------------|----------------|----------------|---------------|----------------|
| 5.103 | 20715 | 0.380 | 1706 | 0.445 |
| 5.817 | 21300 | 0.391 | 1960 | 0.511 |
| 8.280 | 5410884 | 99.229 | 380071 | 99.045 |
| Totals | 5452899 | 100.000 | 383737 | 100.000 |

