

产品分析证书 Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N1947

中文名称: 儿茶素

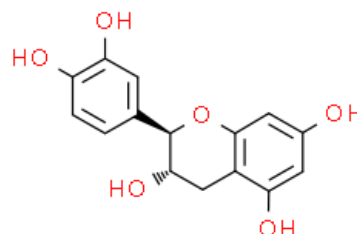
English Name: Catechin

CAS No.: 154-23-4

分子式 (M. F.): C₁₅H₁₄O₆

分子量 (M. W.): 290.271

批号 (Batch No.): N2212194721



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) | Thermo C18, 250*4.6mm 5um |
| 流动相(Mobile phase) | Acetonitrile:0.2% H3PO4=Acetonitrile:10%-30%,15min |
| 检测波长(Detection mode) | 280nm |
| 柱温 (Column temperature) | 25℃ |

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)

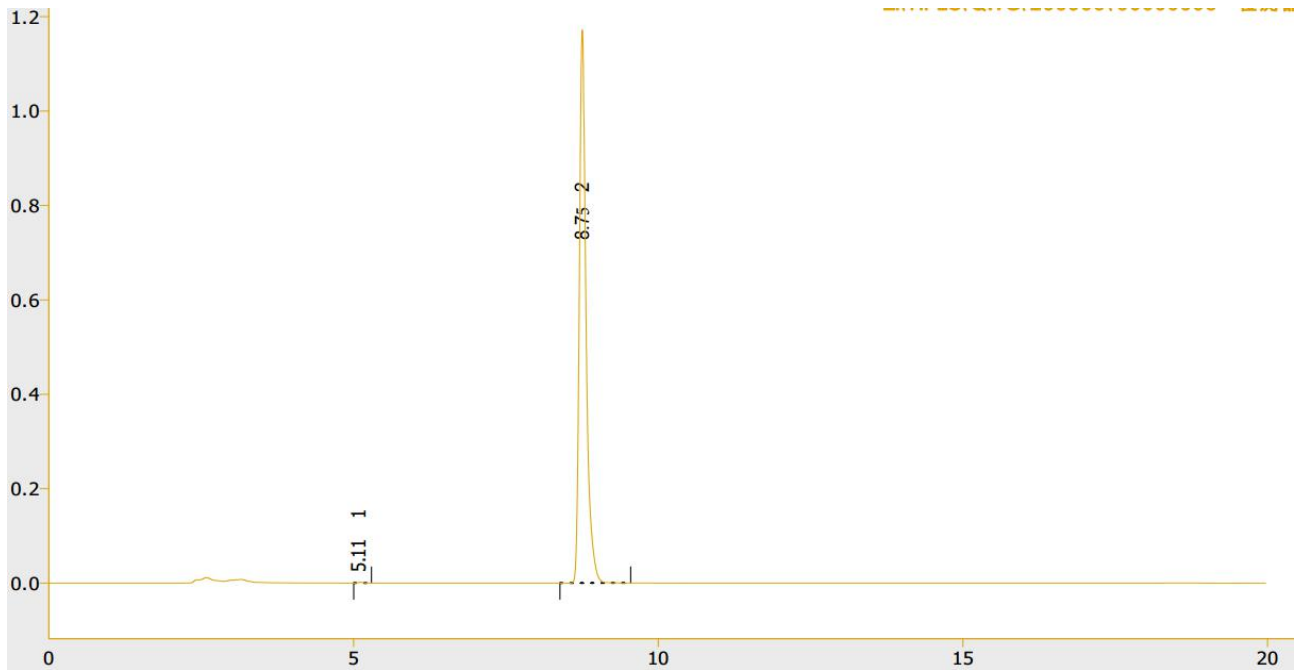


QA: Joy Li

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



| | 保留时间 [min] | 峰面积 [mAU.s] | 峰高 [mAU] | 面积 [%] | 峰高 [%] | W05 [min] | 化合物名称 |
|---|---------------|----------------|-------------|-----------|-----------|--------------|-------|
| 1 | 5.108 | 9.603 | 1.614 | 0.1 | 0.1 | 0.09 | |
| 2 | 8.752 | 9005.704 | 1171.795 | 99.9 | 99.9 | 0.11 | 儿茶素 |
| | 合计 | 9015.307 | 1173.409 | 100.0 | 100.0 | | |