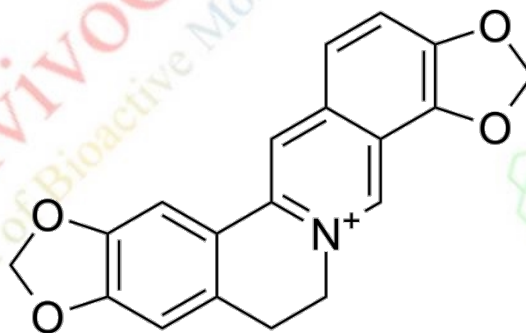


## 产品分析证书 Certificate of Analysis

### 产品信息

批号 Batch Number	
中文名称 Chinese Name	黄连碱
英文名称 English Name	Coptisine
CAS 号码 CAS Number	3486-66-6
分子式 Chemical Formula	C <sub>19</sub> H <sub>14</sub> NO <sub>4</sub>
分子量 Molecular Weight	320.32



### 检测项目及结果 Test Results

检验项目 Test	质量标准 Specification	检测结果 Result	备注 Remark
性状 Appearance	黄色粉末	符合 Conform	
液相色谱 HPLC	Yellow powder ≥98.0%	98.65%	
溶解试剂 Dissolved solvent	甲醇+水 MeOH+H <sub>2</sub> O	符合 Conform	

### 注意事项

贮存方法 Storage	阴凉干燥处，密封保存； Store in a cool and dry area, sealed and keep from direct light.
使用方法 Usage	即配即用，仅限于实验时使用； Namely with the use, only in the experimental use.

**结论:** 产品质量符合报告标准，准予出厂。

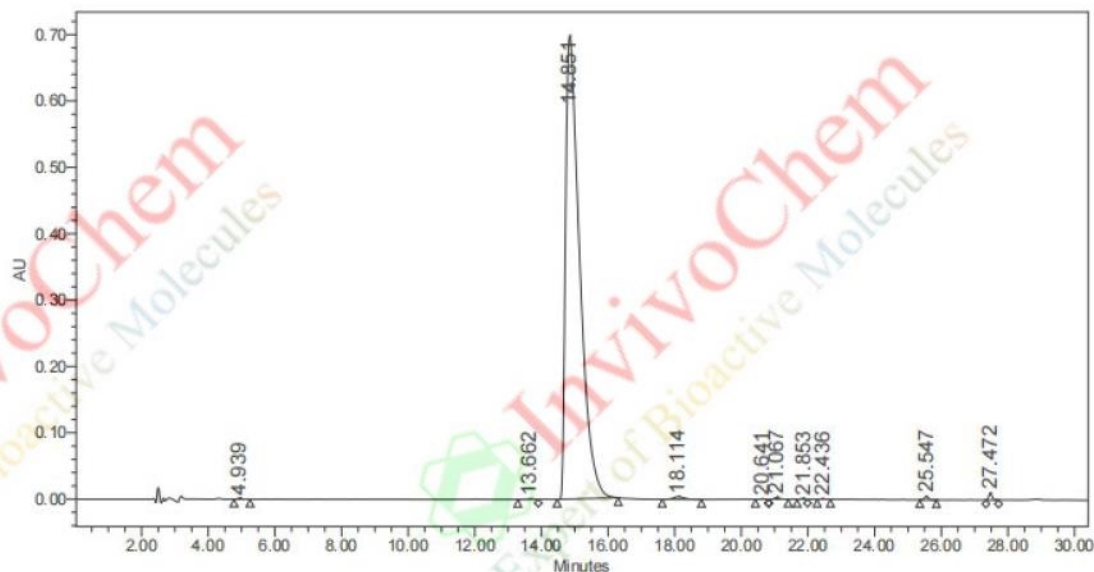
Conclusion: The product conforms to the specification, approved for release.

Product Name: Coptisine  
 InvivoChem Cat #: V30800  
 CAS #: 3486-66-6  
 Batch #: V3080001  
 Formula: C<sub>19</sub>H<sub>14</sub>NO<sub>4</sub>  
 Molecular Weight: 320.3188

# HPLC Analysis for V3080001 Coptisine

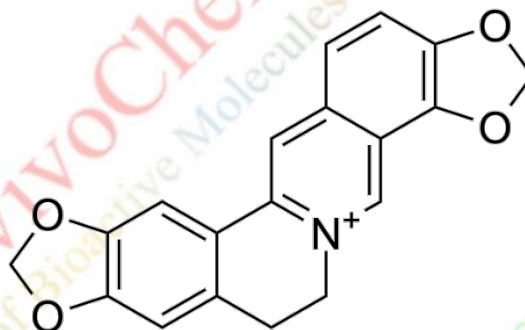
附 HPLC 检测图谱:

乙腈: 三乙胺 0min 20%, 15min20%, 25min70% 检测波长: 265nm



	RT	Area	Height	% Area
1	4.939	13343	1653	0.06
2	13.662	14833	829	0.07
3	14.851	20580364	698808	98.59
4	18.114	94117	4298	0.45
5	20.641	5461	623	0.03
6	21.067	28727	3481	0.14
7	21.853	11013	1338	0.05
8	22.436	7020	1008	0.03

	RT	Area	Height	% Area
9	25.547	44822	5123	0.21
10	27.472	74539	10647	0.36



Product Name: Coptisine  
InvivoChem Cat #: V30800  
CAS #: 3486-66-6  
Batch #: V3080001  
Formula: C19H14NO4  
Molecular Weight: 320.3188