

## 产品分析证书 Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N2461

中文名称: 蜡菊亭

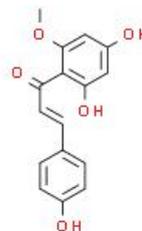
English Name: Helichrysetin

CAS No.: 62014-87-3

分子式 (M. F.): C<sub>16</sub>H<sub>14</sub>O<sub>5</sub>

分子量 (M. W.): 286.283

批号 (Batch No.): N2461-1mg-M230512033015



### 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

贮存条件 (Storage): 2~8°C, protected from light, keep package airproofed. <-15°C 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°C以下环境中)

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

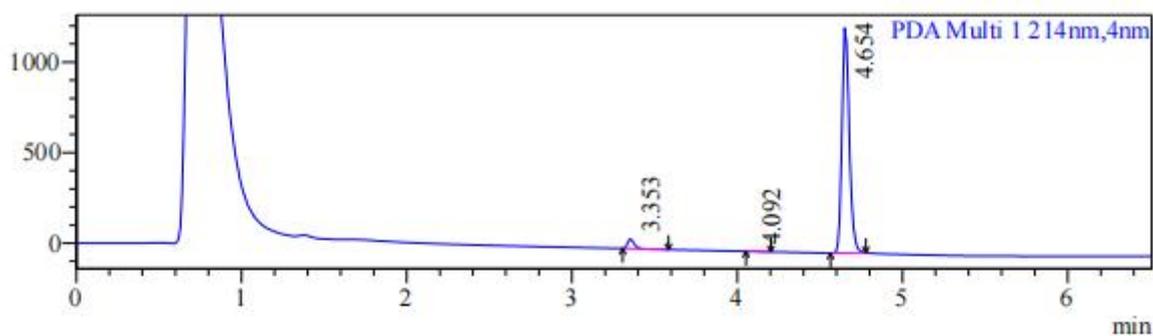


QA: Joy Li

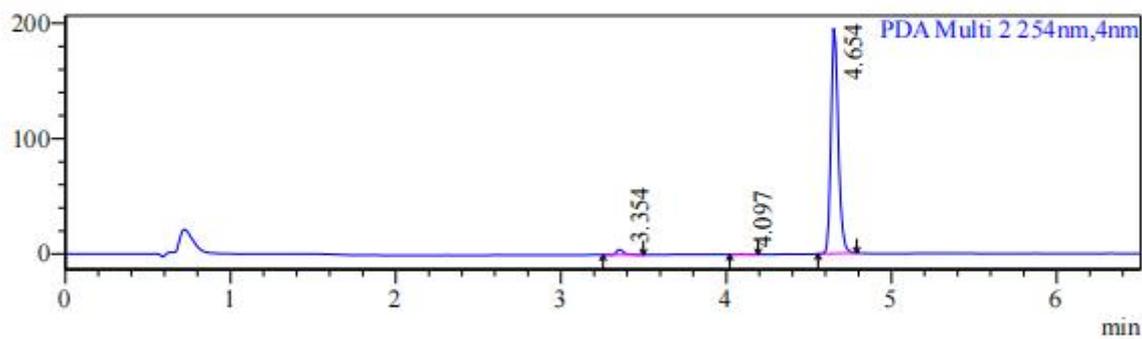
产品售后 (After-sale service): In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

(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。)

Column : waters Sunfire C18 5um, 50\*4.6mm  
Oven Temperature : 40 C  
Mobile Phase A : 0.02%NH4AC  
Mobile Phase B : ACN  
Total Flow : 1.5000 mL/min

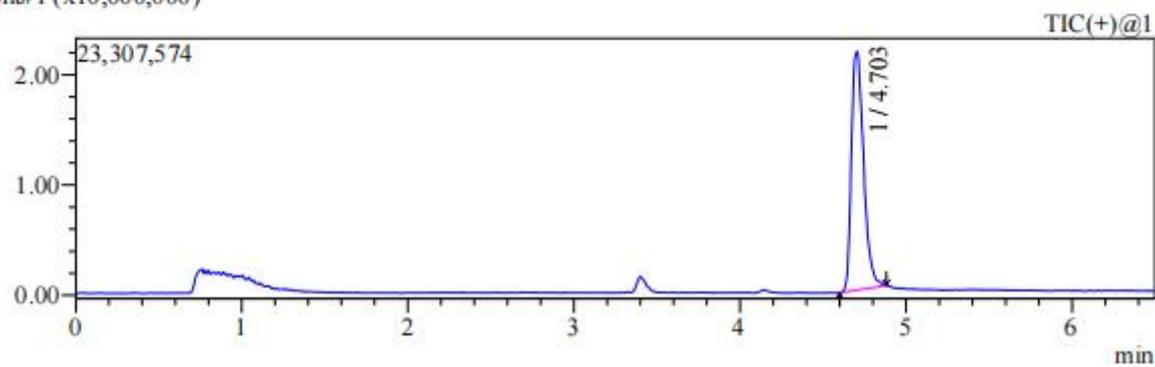


mAU



MS Chromatogram

Segment# 1 (x10,000,000)



Peak Table

PDA Ch1 214nm

#	R.T.	Mark	Height	Area	Area%	Tailing Factor	Resolution
1	3.353		51527	143923	3.580	1.369	--
2	4.092		1462	4469	0.111	1.734	7.645
3	4.654	M	1243466	3872252	96.309	1.224	5.518

PDA Ch2 254nm

#	R.T.	Mark	Height	Area	Area%	Tailing Factor	Resolution
1	3.354	V	4590	13740	2.226	1.585	--
2	4.097		522	1644	0.266	1.312	8.111
3	4.654	M	195148	601789	97.507	1.227	5.815

MASS Peak Table TIC

#	R.T.	Mark	Height	Height%	Area	Area%
1	4.703		21614627.485	100.000	110722454	100.000

MS Spectrum

Time Range :4.700-4.707 min

Spectrum Mode:Averaged Polarity:Positive Segment-Event:1-1 Interface:ESI

