

## 产品分析证书 Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N1964

中文名称: 西红花酸

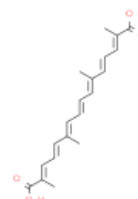
English Name: Crocetin

CAS No.: 27876-94-4

分子式 (M. F.): C<sub>20</sub>H<sub>24</sub>O<sub>4</sub>

分子量 (M. W.): 328.408

批号 (Batch No.): N2406196420



### 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	红色 (Red)	红色 (Red)
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)	甲醇-水-冰醋酸=75:24.5:0.5 (Methanol : water: Acetic acid in water =75:24.5:0.5)
检测波长 (Detection mode)	423nm
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)

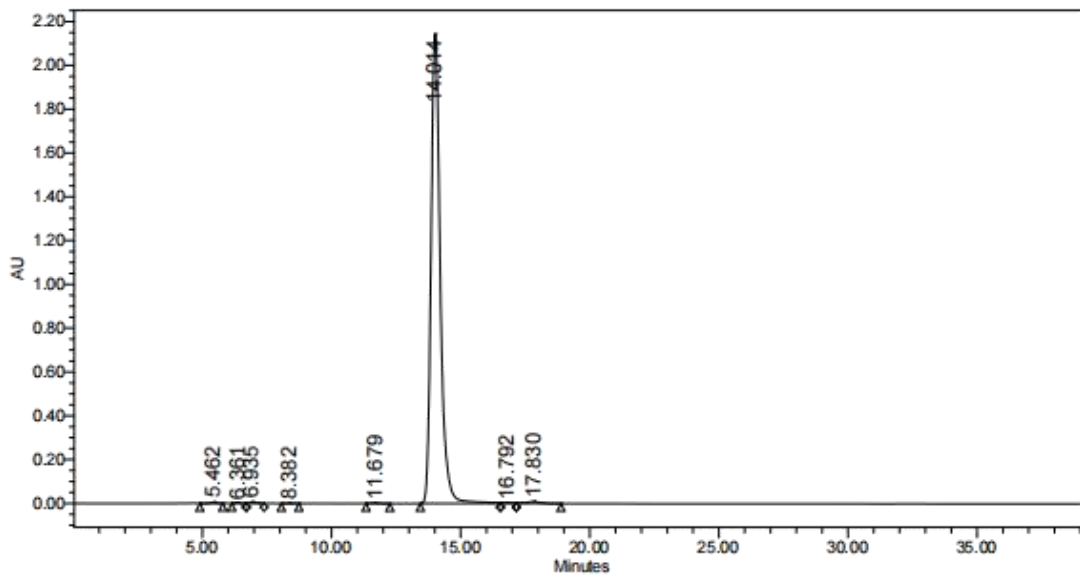


QA: Joy Li

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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## HPLC Chromatogram



	RT	Area	Height	% Area
1	5.462	86967	6517	0.16
2	6.361	61028	4885	0.11
3	6.935	126285	7125	0.23
4	8.382	22355	1462	0.04
5	11.679	46270	2477	0.09
6	14.014	53472451	2146890	98.41
7	16.792	151441	4713	0.28
8	17.830	367846	9143	0.68



MS:

