

产品分析证书

Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N0320

中文名称: 异绿原酸B

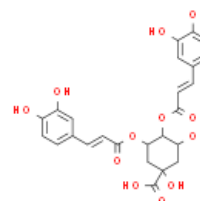
English Name: 3,4-Dicaffeoylquinic acid

CAS No.: 14534-61-3

分子式 (M. F.): C₂₅H₂₄O₁₂

分子量 (M. W.): 516.455

批号 (Batch No.): N2403202043



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	淡黄色至黄色(light yellow to Yellow)	黄色(yellow)
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)	COSMOSIL 5C18-MS-II 4.6 mm I.D. × 250 mm
流动相(Mobile phase)	A, Acetonitrile B, 0.1% Phosphoric acid in water ; Gradient elution: A, 15%-35%,20min-35%,5min
检测波长(Detection mode)	325nm
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)

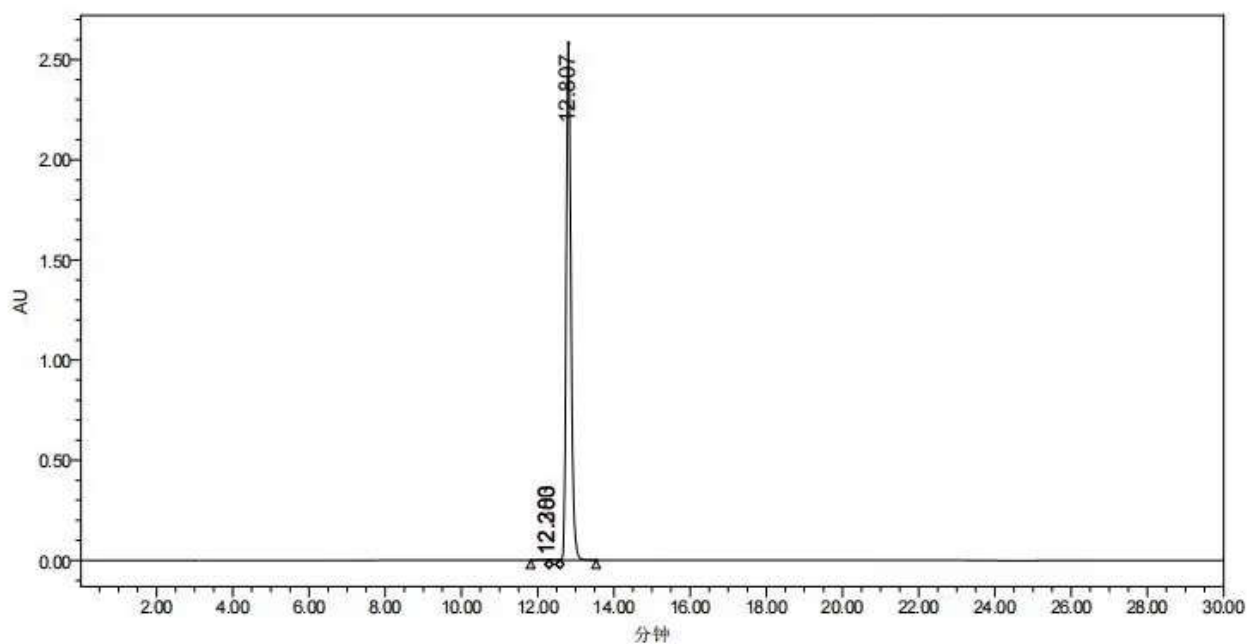


QA: Joy Li

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)

(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。)

HPLC



色谱峰结果

	名字	保留时间	面积	峰高	% 面积
1		12.283	39476	3840	0.18
2		12.300	45602	3669	0.20
3		12.807	22324436	2602524	99.62

2D NMR spectrum of LYS-B, 10, F1d. The plot shows chemical shifts on both axes (F1 and F2 in ppm) ranging from -3 to 16. The spectrum displays several peaks, with a prominent one at approximately (5.0, 7.8). Integration values are shown below the peaks.

MS

