

产品分析证书

Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N0034

中文名称: 紫堇定

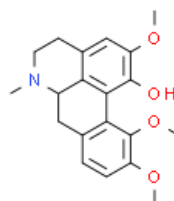
English Name: Corydine

CAS No.: 476-69-7

分子式 (M. F.): C₂₀H₂₃NO₄

分子量 (M. W.): 341.407

批号 (Batch No.): N2405003403



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)	固体 (Solid)
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)	Welch UltimateXB-C18, 4.6*250 mm, 5um
流动相 (Mobile phase)	A-乙腈; B-0.2% 甲酸水溶液 (氨水调PH=7)
检测波长 (Detection mode)	265nm
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)

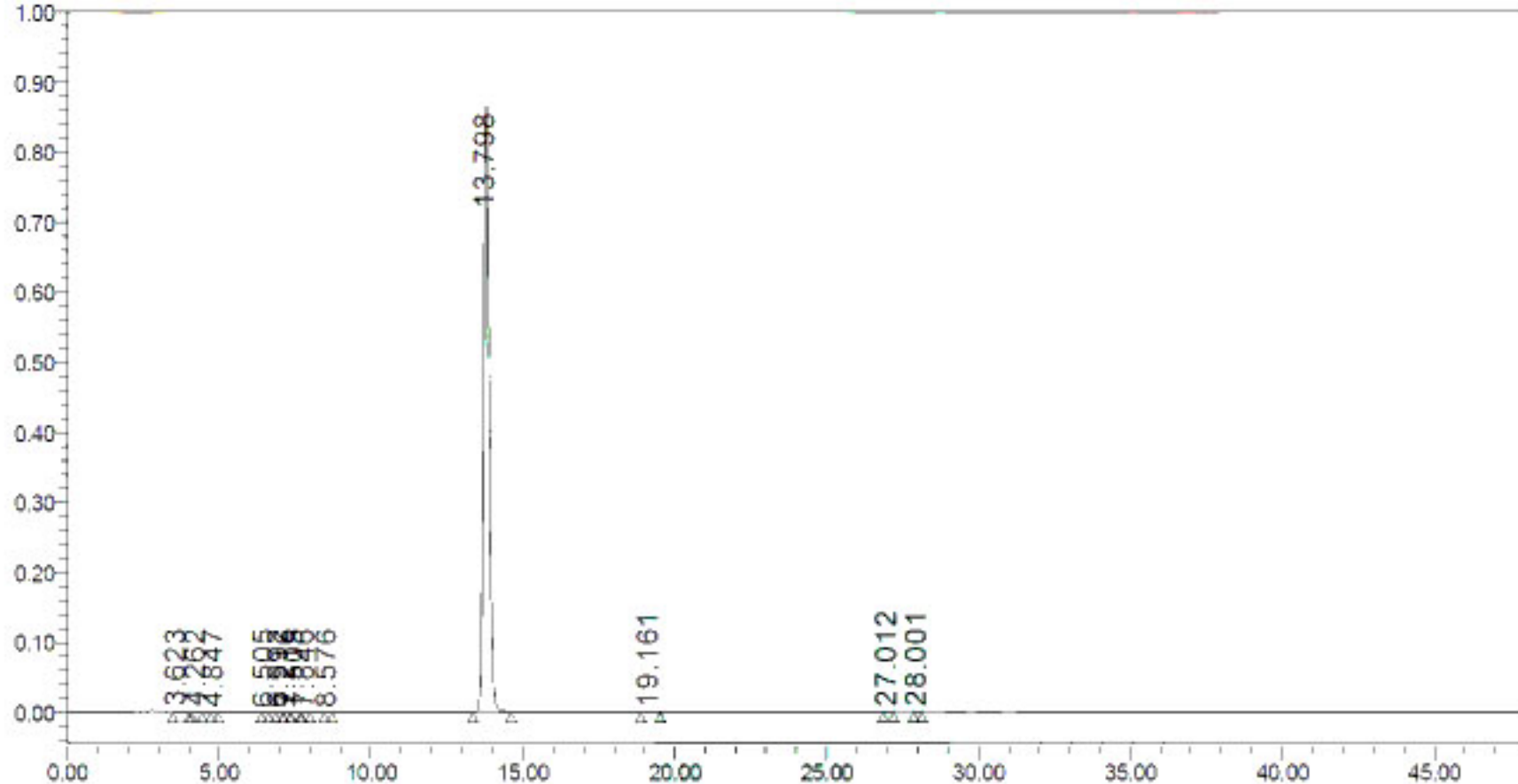
温馨提示 (Reminder): The sample solutions should be prepared immediately before use. (请现配现用)



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)

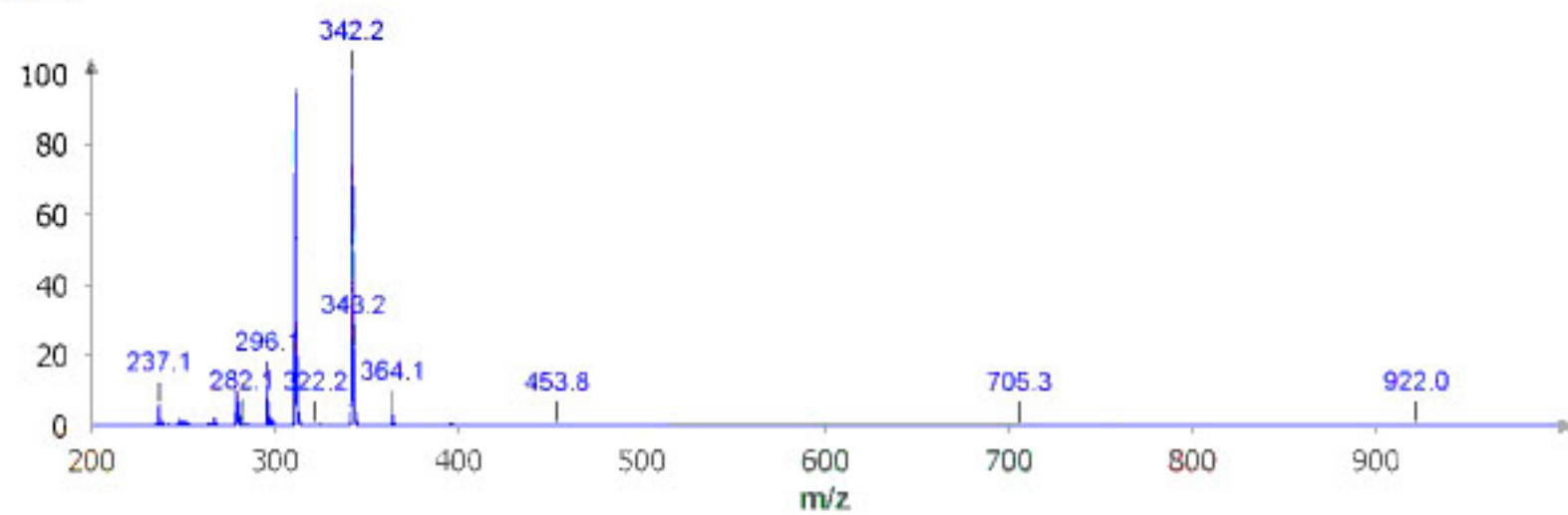
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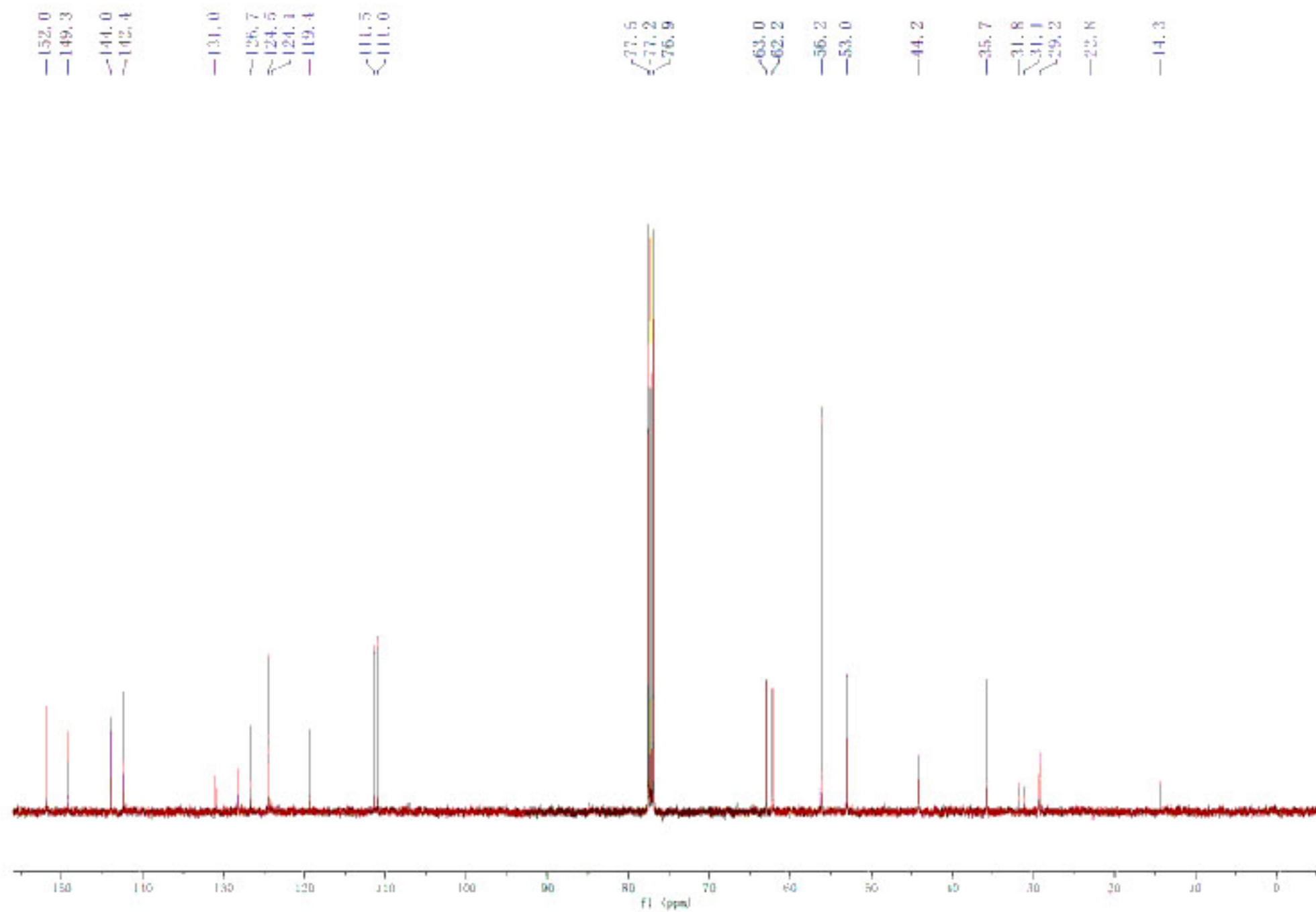
	保留时间 (分钟)	面积 (微伏·秒)	% 面积	高度 (微伏)	USP 分离度	USP 分离度	USP 拖尾	s/m
1	3.623	5909	0.05	504			1.572909e+000	
2	4.262	7520	0.07	1010	2.941418e+000	2.941418e+000	1.093826e+000	
3	4.847	297	0.00	46	3.085169e+000	3.085169e+000	1.070669e+000	
4	6.505	239	0.00	32	8.597111e+000	8.597111e+000	1.056087e+000	
5	6.992	95	0.00	14	2.513979e+000	2.513979e+000	9.639704e-001	
6	7.216	128	0.00	18	1.183517e+000	1.183517e+000	1.156822e+000	
7	7.505	203	0.00	24	1.335197e+000	1.335197e+000	1.087500e+000	
8	7.846	89	0.00	11	1.452454e+000	1.452454e+000	1.169168e+000	
9	8.576	187	0.00	24	3.279730e+000	3.279730e+000	1.131062e+000	
10	13.798	10688638	99.81	866863	1.918506e+001	1.918506e+001	1.104091e+000	
11	19.161	2006	0.02	139	1.474194e+001	1.474194e+001	1.027385e+000	
12	27.012	2209	0.02	349	2.780122e+001	2.780122e+001	8.747523e-001	
13	28.001	1343	0.01	211	5.743345e+000	5.743345e+000	9.734606e-001	

附 2 : 质谱

ESI +



附 3b : ^{13}C -NMR(100M Hz , CDCl_3)



附 3a : ^1H -NMR(400M Hz , CDCl_3)

