

检测报告

TEST REPORT

(本报告未经许可不得复制)

报告编号: AG2509120001B

委托单位:

深圳市东荣生物科技有限责任公司

委托地址:

深圳市坪山区坑梓街道秀新社区中兴路 14 号 10#厂房 101

产品名称:

益力养

型号规格:

/

检测类别:

委托试验

ANNRAY

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.

E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China

Guangzhou Annray Testing Technology Co., Ltd.

样品名称	益力养		
型号规格	/		
委托单位	深圳市东荣生物科技有限责任公司		
委托单位地址	深圳市坪山区坑梓街道秀新社区中兴路 14 号 10#厂房 101		
样品来源	客户送样	样品数量	300mL
送检日期	2025.09.12	检验日期	2025.09.12-2025.09.25
检测项目： 全成分分析			
检测依据： 实验室方法			
检测结果： 见下页			
 (检测机构盖章)			
编制：吴冠仪 2025.10.08 审核：林婉纯 2025.10.08 批准：[Signature] 2025.10.08			
备注：			

一、分析方案

1、样品分析流程
样品分离→实验室预处理→试剂/仪器准备→仪器测试→得出测试数据→数据分析和整理→研究结果。
2、样品分析方法和所用仪器设备
《光谱-色谱-质谱等多种谱图分析未知物联用技术》
3、样品分析所用部分仪器及型号
FTIR 傅里叶变换红外光谱仪: Thermo Fisher Nicoler iS10 MS 质谱仪: Waters Xevo TQ-XS

ANNRAY

二、分析结果

组分编号	化合物名称	质量百分比/%	牌号/ CAS No.	作用
1	延胡索	0.1-0.3	/	中药
2	血竭	0.1-0.3	/	中药
3	生姜	0.1-0.2	/	中药
4	青蒿	0.1-0.3	/	中药
5	甘草	0.1-0.3	/	中药
6	鸡血藤	0.1-0.3	/	中药
7	掌叶大黄	0.1-0.3	/	中药
8	地黄	0.1-0.3	/	中药
9	淫羊藿	0.5-1.0	/	中药
10	当归	0.1-0.2	/	中药
11	肉豆蔻	0.1-0.2	/	中药
12	独活	0.1-0.2	/	中药
13	补骨脂	0.1-0.3	/	中药
14	川芎	0.1-0.3	/	中药
15	黄芩	0.1-0.3	/	中药
16	侧柏叶	0.1-0.3	/	中药
17	芍药	0.5-1.0	/	中药
18	山茱萸	0.5-1.0	/	中药
19	香紫苏	0.1-0.2	/	中药
20	灵芝	0.1-0.2	/	中药
21	半枝莲	0.1-0.2	/	中药
22	水	94.0-94.5	/	中药

注：*为根据行业经验或片断信息推断的成分，本报告数据来源：FX202509071.

三、西药分析结果

组分编号	化合物名称	测试结果	检出限	作用
1	西地那非	N.D.	1mg/kg	药物
2	他达拉非	N.D.	1mg/kg	药物
3	脱硫伐地那非	N.D.	1mg/kg	药物
4	庆地那非	N.D.	1mg/kg	药物
5	那非乙酸酸	N.D.	1mg/kg	药物
6	苯酰胺那非	N.D.	1mg/kg	药物
7	氨基他达拉非	N.D.	1mg/kg	药物
8	他达拉非甲基氯化物	N.D.	1mg/kg	药物
9	苯噻啉红地那非	N.D.	1mg/kg	药物
10	那红地那非	N.D.	1mg/kg	药物
11	卡巴地那非	N.D.	1mg/kg	药物
12	伪伐地那非	N.D.	1mg/kg	药物
13	那莫西地那非	N.D.	1mg/kg	药物
14	N-去乙基伐地那非	N.D.	1mg/kg	药物
15	硫代豪莫西地那非	N.D.	1mg/kg	药物
16	N-去甲基西地那非	N.D.	1mg/kg	药物
17	红地那非	N.D.	1mg/kg	药物
18	羟基红地那非	N.D.	1mg/kg	药物
19	阿伐那非	N.D.	1mg/kg	药物
20	艾地那非	N.D.	1mg/kg	药物
21	豪莫西地那非	N.D.	1mg/kg	药物
22	伐地那非	N.D.	1mg/kg	药物
23	硫代西地那非	N.D.	1mg/kg	药物

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.
E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China
Guangzhou Annray Testing Technology Co., Ltd.

24	乌地那非	N.D.	1mg/kg	药物
25	羟基硫代豪莫西地那非	N.D.	1mg/kg	药物
26	羟基豪莫西地那非	N.D.	1mg/kg	药物
27	羟基伐地那非	N.D.	1mg/kg	药物
28	氨基他达拉非	N.D.	1mg/kg	药物
29	他达拉非甲基氯化物	N.D.	1mg/kg	药物
30	苯嘧啶红地那非	N.D.	1mg/kg	药物
31	那红地那非	N.D.	1mg/kg	药物
32	卡巴地那非	N.D.	1mg/kg	药物
33	伪伐地那非	N.D.	1mg/kg	药物
34	那莫西地那非	N.D.	1mg/kg	药物
35	N-去乙基伐地那非	N.D.	1mg/kg	药物
36	N-去甲基西地那非	N.D.	1mg/kg	药物
37	红地那非	N.D.	1mg/kg	药物
38	羟基红地那非	N.D.	1mg/kg	药物
39	阿伐那非	N.D.	1mg/kg	药物
40	羟基硫代豪莫西地那非	N.D.	1mg/kg	药物
41	乌地那非	N.D.	1mg/kg	药物
42	羟基豪莫西地那非	N.D.	1mg/kg	药物
43	羟基伐地那非	N.D.	1mg/kg	药物
44	硫代豪莫西地那非	N.D.	1mg/kg	药物
45	硫代西地那非	N.D.	1mg/kg	药物
46	伐地那非	N.D.	1mg/kg	药物
47	艾地那非	N.D.	1mg/kg	药物
48	豪莫西地那非	N.D.	1mg/kg	药物

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.
E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China
Guangzhou Annray Testing Technology Co., Ltd.

49	那莫伐地那非	N.D.	1mg/kg	药物
50	硝地那非	N.D.	1mg/kg	药物
51	去甲基他达拉非	N.D.	1mg/kg	药物
52	氯地那非	N.D.	1mg/kg	药物
53	羟基氯地那非	N.D.	1mg/kg	药物
54	N-乙基他达拉非	N.D.	1mg/kg	药物
55	去碳西地那非	N.D.	1mg/kg	药物
56	去甲基卡巴地那非	N.D.	1mg/kg	药物
57	二甲基红地那非	N.D.	1mg/kg	药物
58	二硫代去甲基卡巴地那非	N.D.	1mg/kg	药物
59	酮红地那非	N.D.	1mg/kg	药物
60	N-辛基去甲他达拉	N.D.	1mg/kg	药物
61	双酮红地那非	N.D.	1mg/kg	药物
62	羟基硫代伐地那非	N.D.	1mg/kg	药物
63	环戊那非	N.D.	1mg/kg	药物
64	丙氧苯基硫代羟基豪莫西地那非	N.D.	1mg/kg	药物
65	苄西地那非	N.D.	1mg/kg	药物
66	桂地那非	N.D.	1mg/kg	药物
67	米罗那非	N.D.	1mg/kg	药物
68	罗地那非碳酸酯	N.D.	1mg/kg	药物
69	丙氧苯基西地那非	N.D.	1mg/kg	药物
70	脱哌嗪基硫代西地那非	N.D.	1mg/kg	药物
71	乙酰胺基他达拉非	N.D.	1mg/kg	药物
72	2-羟丙基去甲他达拉非	N.D.	1mg/kg	药物

73	丙氧苯基羟基豪莫西地那非	N.D.	1mg/kg	药物
74	丙氧苯基硫代艾地那非	N.D.	1mg/kg	药物
75	乙酰伐地那非	N.D.	1mg/kg	药物
76	N-去乙基红地那非	N.D.	1mg/kg	药物
77	去甲基硫代西地那非	N.D.	1mg/kg	药物
78	N-叔丁氧羰基-N-去乙基红地那非	N.D.	1mg/kg	药物
79	N-乙基他达拉非	N.D.	1mg/kg	药物
80	0-去乙基西地那非	N.D.	1mg/kg	药物
81	吡唑 N-去甲基西地那非	N.D.	1mg/kg	药物
82	异丁基西地那非	N.D.	1mg/kg	药物
83	西地那非 N 氧化物	N.D.	1mg/kg	药物
84	伐地那非 N-氧化物	N.D.	1mg/kg	药物
85	2-羟基乙基去甲他达拉非	N.D.	1mg/kg	药物
86	亚硝地那非	N.D.	1mg/kg	药物
87	硫唑那非	N.D.	1mg/kg	药物
88	氨基西地那非	N.D.	1mg/kg	药物
89	去乙基卡巴地那非	N.D.	1mg/kg	药物
90	双去碳西地那非	N.D.	1mg/kg	药物
91	N-去乙基-N-甲基伐地那非	N.D.	1mg/kg	药物
92	硫代艾地那非	N.D.	1mg/kg	药物
93	N-苯丙烯基他达拉非	N.D.	1mg/kg	药物
94	双氯地那非	N.D.	1mg/kg	药物
95	哌唑那非	N.D.	1mg/kg	药物
96	丙氧苯基硫代西地那非	N.D.	1mg/kg	药物

97	丙氧苯基硫代豪莫西地那非	N.D.	1mg/kg	药物
98	二硫代去乙基卡巴地那非	N.D.	1mg/kg	药物
99	羟基硫代红地那非	N.D.	1mg/kg	药物

四、方案与建议

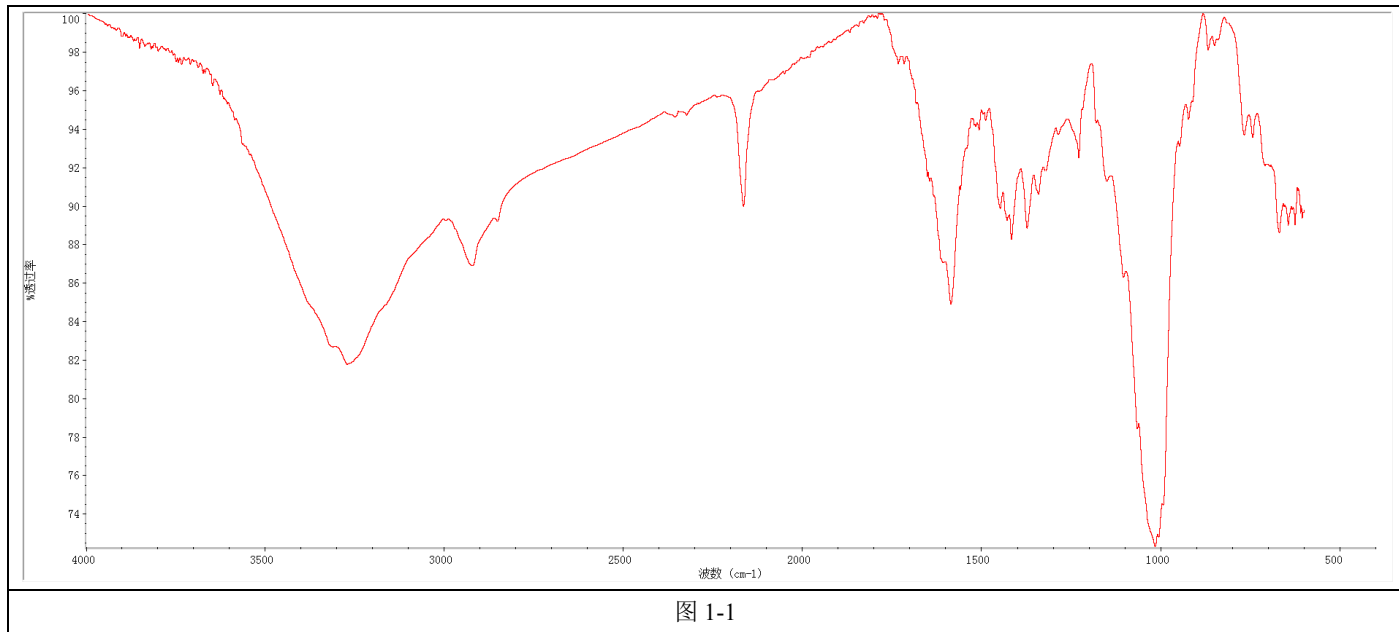
1：理化测试结果
/
2：重点分析说明
2.1 经检测，样品主要成分为各类中药。经检测，样品中不含红景天。
2.2 样品中未检出明显的西药物质。报告中 N.D.=未检出。
3：原材料和工艺
3.1 样品大致生产工艺如下： （1）将各种原料用粉碎机打碎，加一起搅拌均匀； （2）浸泡 15 天，过滤，包装，即可。

声明：以上方案与建议并非全部验证后的结论，建议客户慎重采纳。

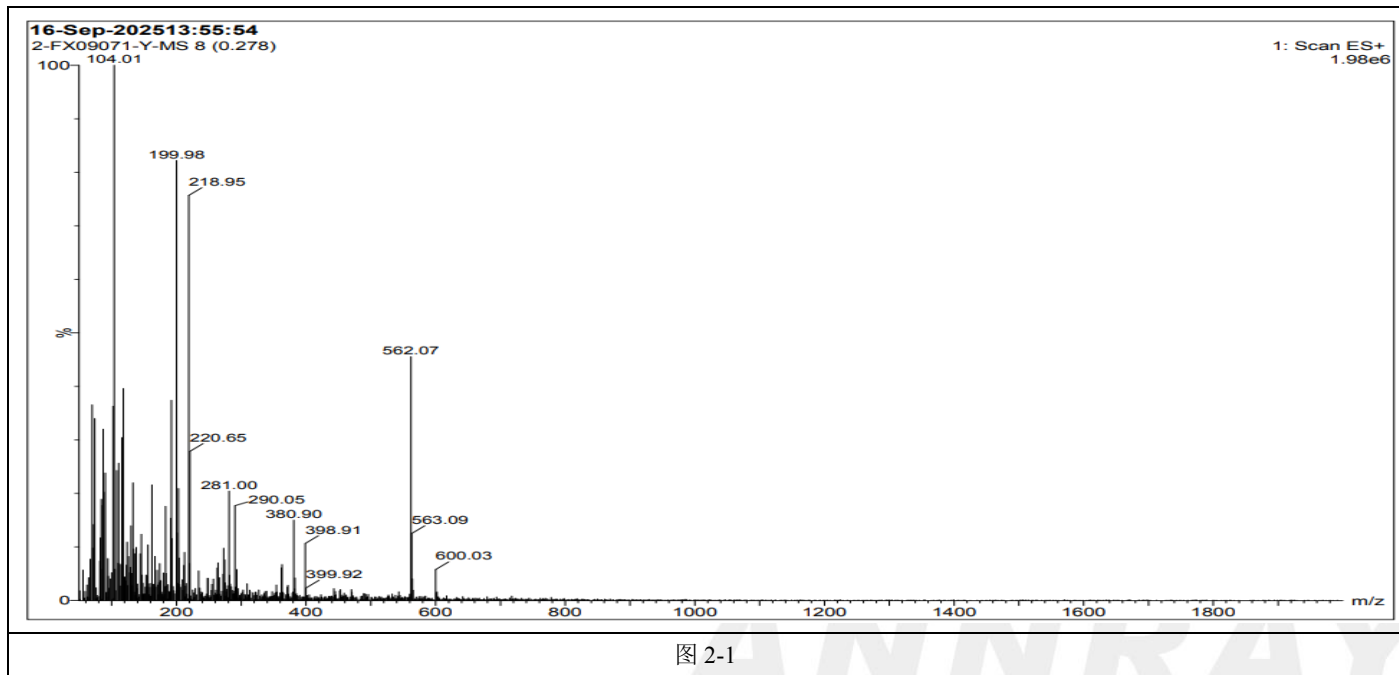
ANNRAY

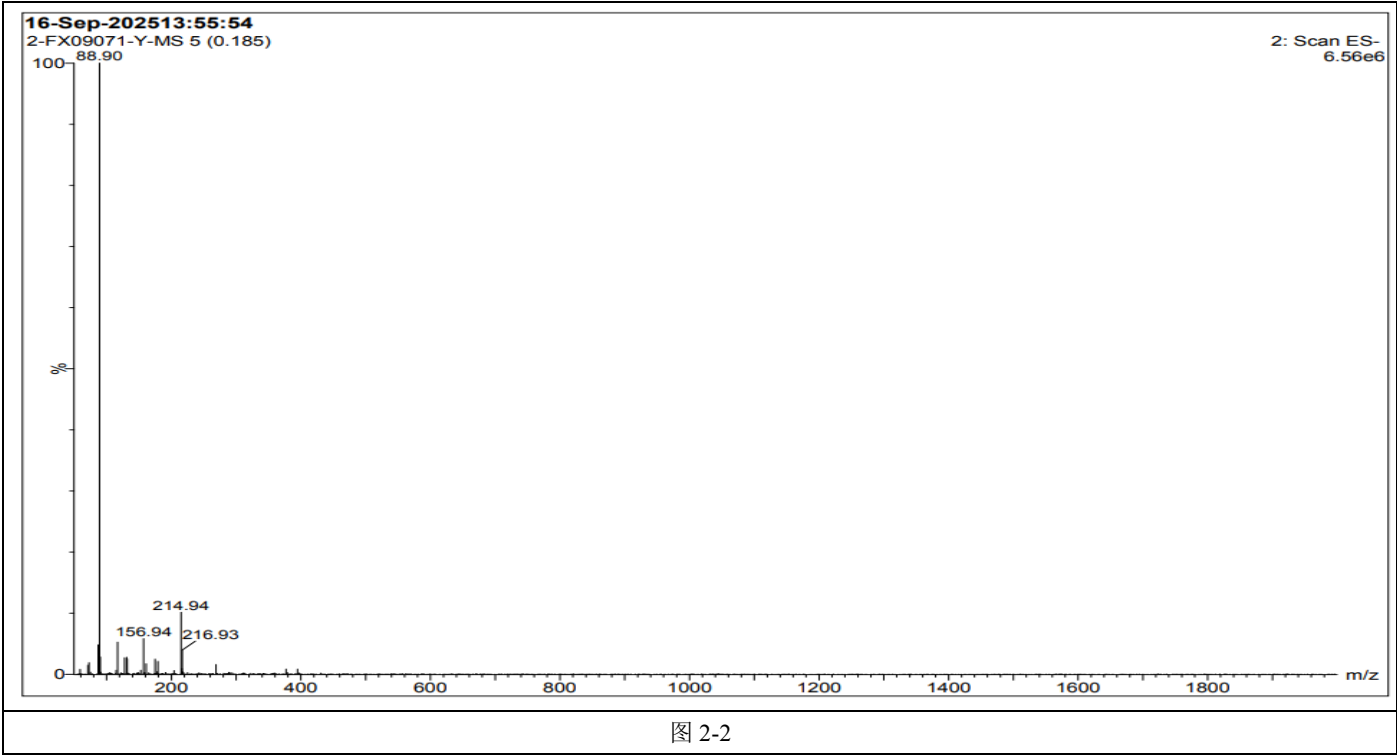
五、代表性附件

1、FTIR



2、MS





3、中药实验仪器和试剂

3.1 实验仪器和设备

名称	型号	生产厂家
液质联用仪系统	Agilent 1290-6546A	Agilent
色谱柱	Poroshell 120 PFP	Agilent

3.2 实验试剂

甲醇购自 merck 公司，甲酸购置于阿拉丁公司；去离子水，制备自 Milli Q Advantage A10 超纯水机。

4、实验条件

4.1 液相条件

色谱柱：Poroshell 120 PFP（2.1×100mm，1.9μm）

柱温：35℃

进样体积：2 μL

流速：0.35 mL/min

流动相：A（去离子水，含 0.1%甲酸）；B（甲醇），梯度洗脱。具体梯度洗脱条件如下：

Time	Flow Rate (mL/min)	%A	%B
0	0.35	95	5
5	0.35	95	5
10	0.35	75	25
60	0.35	0	100
65	0.35	0	100
65	0.35	95	5
70	0.35	95	5

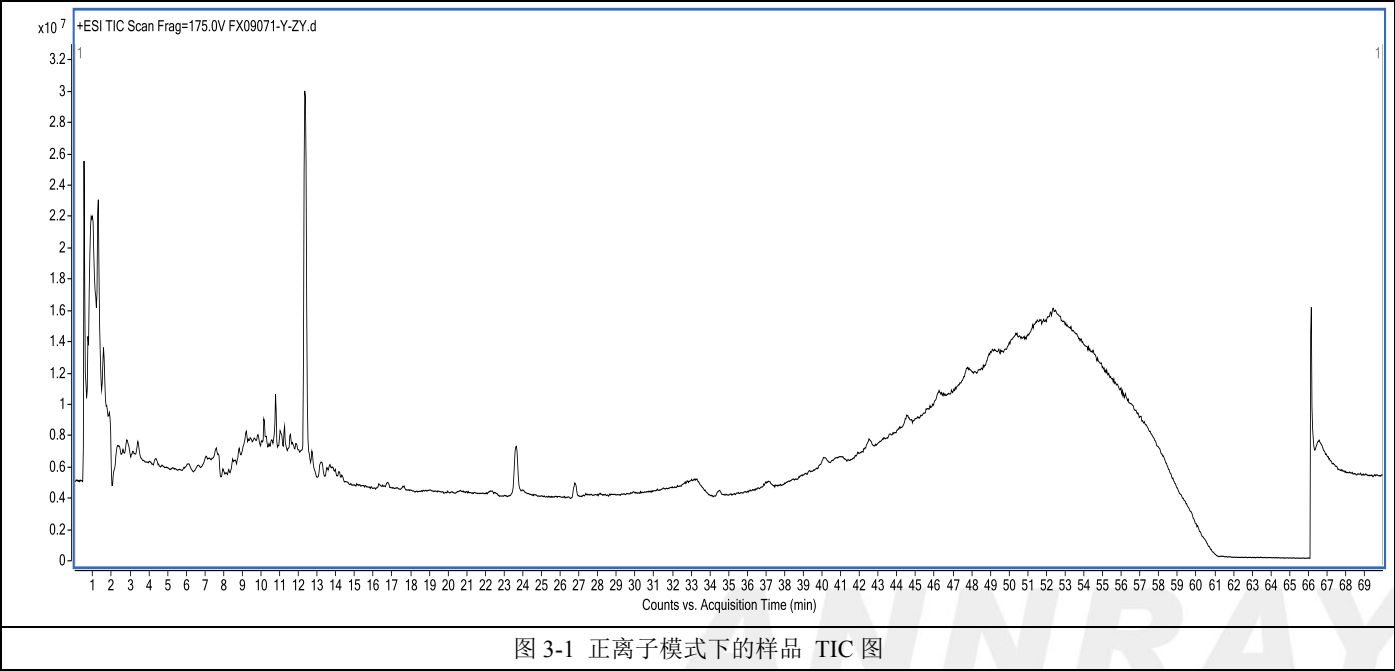
4.2 质谱条件

采用 6546A QTOF 高分辨质谱进行质谱数据采集，检测模式为 Auto-MS/MS，正离子和负离子模式分别扫描，扫描范围为 MS1:m/z 50-2000，MS2: m/z 50-2000；采集频率：MS1: 3 spectra/s，MS2: 3 spectra/s；Collision Energy: Fixed 30。Max Precursor per cycle 5；Abs Threshold 200 count；Isotope Model: commom Organic Molecules Gas temp 为 320℃；Drying Gas: 8L/min；Nebulizer: 35psi；Sheath gas flow rate: 11L/min；Fragmentor: 175V。

5、实验结果

5.1 TIC 图

正离子模式和负离子模式下的 TIC 扫描图分别如图 3-1 和图 3-2 所示。



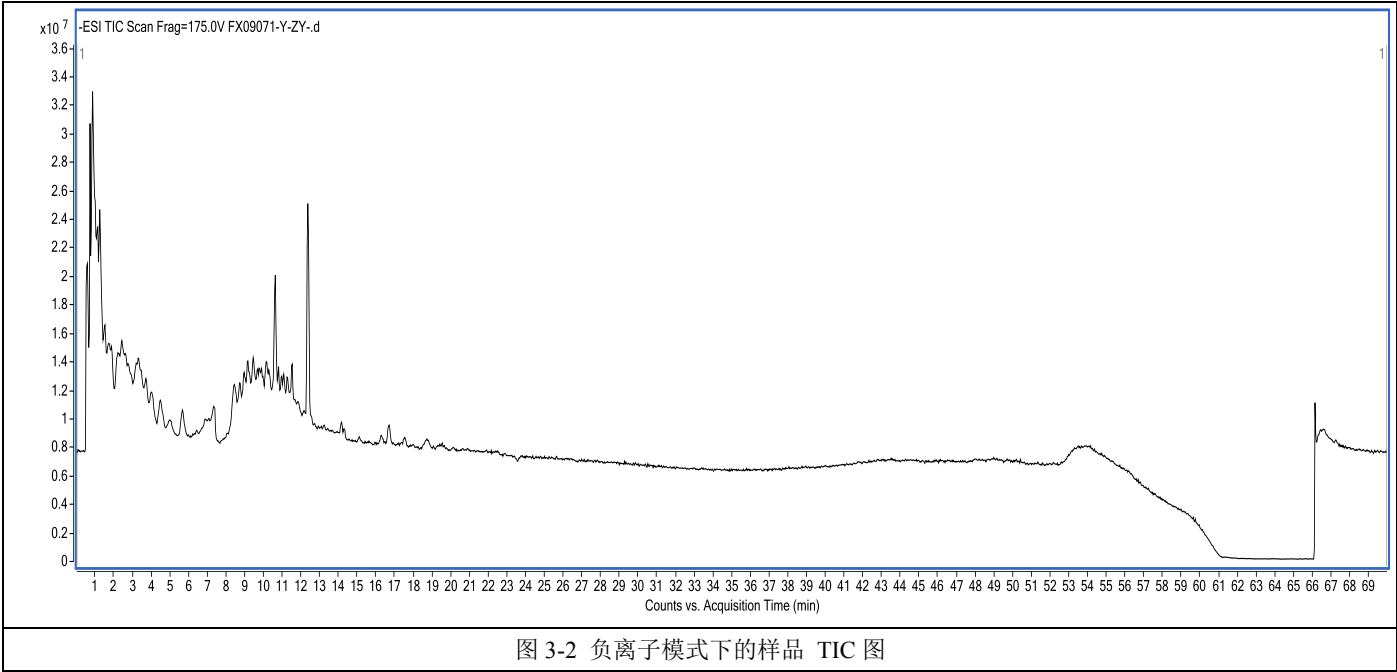


图 3-2 负离子模式下的样品 TIC 图

5.2 化合物鉴定结果

采用 Qualitative Analysis 10.00 软件进行质谱数据特征峰提取，特征峰元素匹配、同位素分布匹配和化合物二级库匹配的质量偏差均设置为 5ppm 以内。采用本地的 Agilent- Natural Standard NPs PCDL 中药天然产物数据库进行特征峰鉴定，阳性结果筛选标准为质量偏差<5ppm、符合同位素分布及 Agilent- Natural Standard NPs PCDL 数据库匹配得分>80 分。结果中包括化合物中英文名称、分子式、CAS 号、峰高、得分以及植物来源。具体结果见附表 1。经过手动确证和重复结果剔除后，筛选出个化学成分，具体结果如表 1 所示。

表 1 鉴定化合物信息

Name	RT	Area	Formula	m/z	CAS	来源
L-AsparagineL-天冬酰胺	0.747	2057358	C4 H8 N2 O3	131.04663	70-47-3	籼稻
Inositol 肌醇	0.964	1819875	C6 H12 O6	179.05654	87-89-8	向日葵
Camptothecin 喜树碱	47.866	928609	C20 H16 N2 O4	371.10148	7689-03-4	喜树果
Fumaric acid 延胡索酸	1.279	818748	C4 H4 O4	175.02506	110-17-8	延胡索
Catechol 邻苯二酚	1.227	582381	C6 H6 O2	111.04403	120-80-9	槟榔
Xylobiose 木二糖	1.16	496167	C10 H18 O9	281.08779	6860-47-5	大麦

Name	RT	Area	Formula	m/z	CAS	来源
Artemisinin 青蒿素	0.885	463866	C ₁₅ H ₂₂ O ₅	305.13485	63968-64-9	青蒿
4-Methoxysalicylic acid4-甲氧基水杨酸	4.386	440686	C ₈ H ₈ O ₄	169.04979	2237-36-7	香龙血树
Loureirin B 龙血素 B	18.419	377594	C ₁₈ H ₂₀ O ₅	339.12019	119425-90-0	血竭
Caffeic acid ethyl ester 咖啡酸乙酯	8.163	358729	C ₁₁ H ₁₂ O ₄	209.08117	102-37-4	牵牛子
Pterodin B 蕨素 B	10.586	343564	C ₁₄ H ₁₈ O ₂	263.12828	34175-96-7	蕨
6-Gingerol6-姜辣素	16.736	328673	C ₁₇ H ₂₆ O ₄	293.17537	23513-14-6	生姜
Trigonelline 葫芦巴碱	0.825	326797	C ₇ H ₇ N O ₂	138.05517	535-83-1	葫芦巴
Maltol 麦芽酚	1.663	318087	C ₆ H ₆ O ₃	127.03908	118-71-8	桑黄
4'-Hydroxyacetophenone4-羟基苯乙酮	1.183	300208	C ₈ H ₈ O ₂	137.05982	99-93-4	滨蒿
Sucrose 蔗糖	0.86	263289	C ₁₂ H ₂₂ O ₁₁	341.10862	57-50-1	甘蔗
Didrovaltrate 地戊曲酯	26.776	246927	C ₂₂ H ₃₂ O ₈	425.21521	18296-45-2	缬草
Bergenin 岩白菜素	3.138	236877	C ₁₄ H ₁₆ O ₉	327.07168	477-90-7	胡黄连
Cimifugin 升麻素	2.242	235585	C ₁₆ H ₁₈ O ₆	329.09844	37921-38-3	升麻
Mandelic acid 扁桃酸	1.582	226793	C ₈ H ₈ O ₃	153.05483	611-71-2	垂柳
Veratraldehyde 藜芦醛	4.094	205680	C ₉ H ₁₀ O ₃	167.07045	120-14-9	兔耳草
Glycyrrhizic acid 甘草酸	17.503	198683	C ₄₂ H ₆₂ O ₁₆	821.39637	1405-86-3	甘草
5,7-dihydroxy-2-(4-hydroxyphenyl)-6-[(2S,3S,4R,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]-8-[(2S,3S,4R,5S,6S)-3,4,5-trihydroxy-6-methyl-oxan-2-yl]chromen-4-one 佛菜心苷	9.756	194958	C ₂₇ H ₃₀ O ₁₄	579.17166	40581-17-7	布渣叶

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.
E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China
Guangzhou Annray Testing Technology Co., Ltd.

Name	RT	Area	Formula	m/z	CAS	来源
Xanthatin 苍耳亭	11.042	186390	C15 H18 O3	247.13318	26791-73-1	苍耳子
Lycorine 石蒜碱	1.114	181352	C16 H17 N O4	288.12385	476-28-8	石蒜
Formononetin 芒柄花素	1.134	177512	C16 H12 O4	286.10773	485-72-3	鸡血藤
Physcion 8-glucoside 大黄素甲醚-1-O-β-D-葡萄糖苷	10.037	146999	C22 H22 O10	447.12906	26296-54-8	掌叶大黄
Echinacoside 松果菊苷	9.028	146750	C35 H46 O20	785.2509	82854-37-3	地黄
Clitorin 碟豆素	9.242	143519	C33 H40 O19	741.22481	55804-74-5	银杏
Wushanicaritin 巫山淫羊藿素	9.832	139060	C21 H22 O7	417.11867	521-45-9	淫羊藿
Ombuoside 商陆苷	11.028	125061	C29 H34 O16	639.19252	20188-85-6	树商陆 树商
3,4-Dihydroxybenzalacetone 紫萁酮	6.201	120147	C10 H10 O3	179.07064	37079-84-8	紫萁
Saponarin 皂草苷	9.19	112569	C27 H30 O15	595.16641	20310-89-8	肥皂草
6-Shogaol6-姜烯酚	16.815	94764	C17 H24 O3	277.18037	555-66-8	生姜
Myristicin 肉豆蔻醚	8.284	92652	C11 H12 O3	193.08627	607-91-0	肉豆蔻
Columbianetin 二氢欧山芹醇	2.247	91523	C14 H14 O4	269.07724	3804-70-4	独活
Bavachalcone 补骨脂查尔酮	6.996	89080	C20 H20 O4	347.12466	28448-85-3	补骨脂
Harmaline 骆驼蓬碱	10.167	83542	C13 H14 N2 O	215.1183	304-21-2	骆驼蓬
Narcissoside 水仙苷	9.363	79695	C28 H32 O16	625.17718	604-80-8	蒲黄
5-O,8-Dimethylphiopogonanone B5-O, 8-二甲基麦冬黄烷酮 B	23.42	76849	C20 H22 O5	365.13655	1234211-72-3	麦冬
α-Linolenic acidα-亚麻酸	14.271	76721	C18 H30 O2	279.23234	463-40-1	亚麻
3-n-Butylphathlide 正丁基苯酞	1.889	74215	C12 H14 O2	208.13356	6066-49-5	当归
Isoliquiritigenin 异甘草素	9.904	69649	C15 H12 O4	257.08131	961-29-5	甘草

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.
E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China
Guangzhou Annray Testing Technology Co., Ltd.

Name	RT	Area	Formula	m/z	CAS	来源
Cucurbitacin 葫芦素 E	23.68	67140	C32 H44 O8	579.29403	18444-66-1	沉香
Methyl 2-(methylamino)benzoate2-甲基苯甲酸甲酯	2.814	66883	C9 H11 N O2	166.08659	85-91-6	芸香
(-)-Syringaresinol 丁香脂素	8.843	66316	C22 H26 O8	419.17069	1177-14-6	丁香
Kaempferol-3-O-neohesperidoside 山柰酚-3-O-新橙皮糖苷	9.109	65518	C27 H30 O15	593.1506	32602-81-6	葱
Ethyl-p-methoxycinnamate4-甲氧基肉桂酸乙酯	66.277	60638	C12 H14 O3	224.12835	24393-56-4	肉桂
Prim-O-glucosylcimifugin 升麻素苷	8.811	60210	C22 H28 O11	469.17128	80681-45-4	防风
Sorbic acid 山梨酸	2.297	56607	C6 H8 O2	113.05973	110-44-1	花椒
Bergaptol I 王百合苷 I	3.447	56086	C20 H26 O11	443.15325	126239-78-9	百合
Buddleoside 蒙花苷	9.832	56039	C28 H32 O14	593.18712	480-36-4	密蒙花
Tilianin 田蓟苷	9.589	53904	C22 H22 O10	447.12889	4291-60-5	海金沙
Xanthoxylin 花椒油素	2.976	50692	C10 H12 O4	197.08131	90-24-4	花椒
Ethyl ferulate 阿魏酸乙酯	3.444	50675	C12 H14 O4	223.09704	4046-02-0	川芎
4-Hydroxycinnamamide 对羟基肉桂酰胺	2.536	49980	C9 H9 N O2	181.09747	194940-15-3	粉叶小檗
Genipin 京尼平	8.123	49441	C11 H14 O5	227.09191	6902-77-8	梔子
Baicalin methyl ester 黄芩苷甲酯	11.988	48570	C22 H20 O11	505.09834	82475-03-4	黄芩
Osthenol 奥斯生诺	2.152	48310	C14 H14 O3	231.10199	484-14-0	当归
Sinapic acid 芥子酸	8.779	48224	C11 H12 O5	225.07611	530-59-6	侧柏
Prunasin 野黑樱苷	7.043	47862	C14 H17 N O6	313.14018	99-18-3	桃仁
Aloe-emodin-3-(hydroxymethyl)-O-β-D-glucopyranoside 芦荟大黄素-3-(羟甲基)-O-β-D-葡萄糖苷	9.927	47690	C21 H20 O10	433.11398	29010-56-8	大黄

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.
E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China
Guangzhou Annray Testing Technology Co., Ltd.

Name	RT	Area	Formula	m/z	CAS	来源
3,4-Dimethoxybenzoic acid3,4-二甲氧基苯甲酸	2.574	46816	C9 H10 O4	200.09167	93-07-2	余甘子
7-Methoxycoumarin7-甲氧基香豆素	8.16	44886	C10 H8 O3	177.05478	531-59-9	茵陈
Vicenin II 维采宁-2	8.577	40568	C27 H30 O15	595.1665	23666-13-9	黄荆
Formononetin glucoside 芒柄花苷	10.306	39177	C22 H22 O9	475.1237	486-62-4	鸡血藤
Esculentoside A 商陆皂苷甲	26.784	38307	C42 H66 O16	827.44071	65497-07-6	商陆
Ethyl gallate 没食子酸乙酯	7.643	37493	C9 H10 O5	199.06055	831-61-8	芍药
Myristic acid 肉豆蔻酸	10.716	36061	C14 H28 O2	246.24336	544-63-8	槟榔
IristectorinA 鸢尾甲苷 A	11.28	35987	C23 H24 O12	491.11946	37744-61-9	射干
Liquiritin apioside 芹糖甘草苷	8.409	35397	C26 H30 O13	551.17695	74639-14-8	光果甘草
6''-O-Acetylglycitin6"-O-乙酰黄豆黄苷	11.482	33393	C24 H24 O11	489.13961	134859-96-4	大豆
Caffeic acid 咖啡酸	7.654	33026	C9 H8 O4	181.04986	331-39-5	夏枯草
Neotame 纽甜	11.638	31648	C20 H30 N2 O5	379.22349	165450-17-9	合成
Rel-(2 α , 2 β)-7-O-methylcedrusinrel-(2 α , 2 β)-7-O-methylcedrusin	11.152	31545	C20 H24 O6	361.16478	85165-02-2	紫花地丁
Dihydrocapsaicin 二氢辣椒素	10.448	31167	C18 H29 N O3	308.22253	19408-84-5	辣椒
Aesculetin 秦皮乙素	3.697	29632	C9 H6 O4	179.03414	305-01-1	秦皮
Fraxetin 秦皮素	3.735	29040	C10 H8 O5	226.07119	574-84-5	秦皮
Loganin 马钱苷	5.927	27777	C17 H26 O10	435.15052	18524-94-2	马钱子
Morroniside 莫诺苷	3.219	25436	C17 H26 O11	429.13781	25406-64-8	山茱萸
Fagarine 崖椒素	9.971	24954	C13 H11 N O3	247.10799	524-15-2	白鲜皮

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.
E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China
Guangzhou Annray Testing Technology Co., Ltd.

Name	RT	Area	Formula	m/z	CAS	来源
Typhaneoside 香蒲新苷	9.427	24760	C34 H42 O20	771.23541	104472-68-6	蒲黄
Umbelliferone 伞形花内酯	9.031	24362	C9 H6 O3	163.03942	93-35-6	芸香
IristectorigeninA-7-glucoside 鸢尾甲黄素-A-7-O-葡萄糖苷	11.326	20338	C23 H24 O12	493.13389	94396-09-5	射干
Sclareol Glycol 香紫苏二醇	15.329	19173	C16 H30 O2	272.25862	55881-96-4	香紫苏
Ganoderic acid DM 灵芝酸 DM	15.228	18986	C30 H44 O4	469.33247	173075-45-1	灵芝
2,5-dihydroxybenzoic acid 龙胆酸	3.949	18668	C7 H6 O4	155.03406	490-79-9	龙胆
Citropten 棕欖油素	8.548	18341	C11 H10 O4	207.06547	487-06-9	佛手
Glycyrrhetic acid 3-O-mono-b-D-glucuronide 甘草次酸单葡萄糖醛酸苷	17.658	17753	C36 H54 O10	647.37973	34096-83-8	甘草
Isovanillic acid 异香草酸	4.533	17743	C8 H8 O4	169.04962	645-08-9	半枝莲
Harmine 染料木素	3.671	14097	C13 H12 N2 O	213.10281	442-51-3	槐角
Neodiosmin 新地奥斯明	10.023	5963	C28 H32 O15	609.18172	38665-01-9	酸橙
Blinin 苦蒿素	62.997	480	C22 H32 O6	437.21679	125675-09-4	熊胆草
Aristolochic acid C 马兜铃酸 C	65.982	472	C16 H9 N O7	326.03078	4849-90-5	青木香
Hypaphorine 刺桐碱	65.577	423	C14 H18 N2 O2	247.14369	487-58-1	刺桐

5.3 中药组分分析

根据检测到的化合物种类，推断可能组成成分，本地自建的 Agilent- Natural Standard NPs PCDL 中药天然产物数据库中包含 1500 余种化合物，均根据中国药典 2020 版总结和标注了天然产物的药材来源。

表 2 基于相对丰度的全化合物谱药材来源匹配

来源	比例%
籼稻	12.87
向日葵	11.39

This report is made base on the Conditions of Testing as posted at the date of issuance of this report at [annraytest](#). Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results there of based upon the information that you provided to us.
E053, Room 406, No. 4 Huating Road, Tianhe District, Guangzhou, Guangdong, China
Guangzhou Annray Testing Technology Co., Ltd.

来源	比例%
喜树果	5.81
延胡索	5.12
槟榔	3.87
大麦	3.10
青蒿	2.90
香龙血树	2.76
生姜	2.65
血竭	2.36
牵牛子	2.24
蕨	2.15
葫芦巴	2.04
桑黄	1.99
滨蒿	1.88
甘草	1.79
甘蔗	1.65
缬草	1.54
胡黄连	1.48
升麻	1.47
垂柳	1.42
鸡血藤	1.36
兔耳草	1.29

来源	比例%
布渣叶	1.22
苍耳子	1.17
石蒜	1.13
掌叶大黄	0.92
地黄	0.92
银杏	0.90
淫羊藿	0.87
树商陆树商	0.78
当归	0.77
紫萁	0.75
肥皂草	0.70
花椒	0.67
蒲黄	0.65
肉豆蔻	0.58
独活	0.57
芸香	0.57
补骨脂	0.56
骆驼蓬	0.52
麦冬	0.48
亚麻	0.48
沉香	0.42

来源	比例%
丁香	0.41
葱	0.41
肉桂	0.38
防风	0.38
秦皮	0.37
射干	0.35
百合	0.35
密蒙花	0.35
海金沙	0.34
川芎	0.32
粉叶小檗	0.31
栀子	0.31
黄芩	0.30
侧柏	0.30
桃仁	0.30
大黄	0.30
余甘子	0.29
茵陈	0.28
黄荆	0.25
商陆	0.24
芍药	0.23

来源	比例%
光果甘草	0.22
大豆	0.21
夏枯草	0.21
合成	0.20
紫花地丁	0.20
辣椒	0.20
马钱子	0.17
山茱萸	0.16
白鲜皮	0.16
香紫苏	0.12
灵芝	0.12
龙胆	0.12
佛手	0.11
半枝莲	0.11
槐角	0.09
酸橙	0.04
熊胆草	0.00
青木香	0.00
刺桐	0.00

ANNRAY

样品图片



*** 报告结束 ***

——声明——

1. 报告未加盖本实验室专用章无效。
2. 报告无检测、批准人员签字无效。
3. 报告涂改无效。
4. 自送样品的检测结论仅对送检样品有效。
5. 未经本实验室书面同意，不得全部或部分地复制本报告。
6. 如对本报告有异议，可在收到报告后 15 天内向本单位申诉，逾期不予受理。
7. 经委托方允许，本报告加*项目为分包测试项目。

ANNRAY