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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司



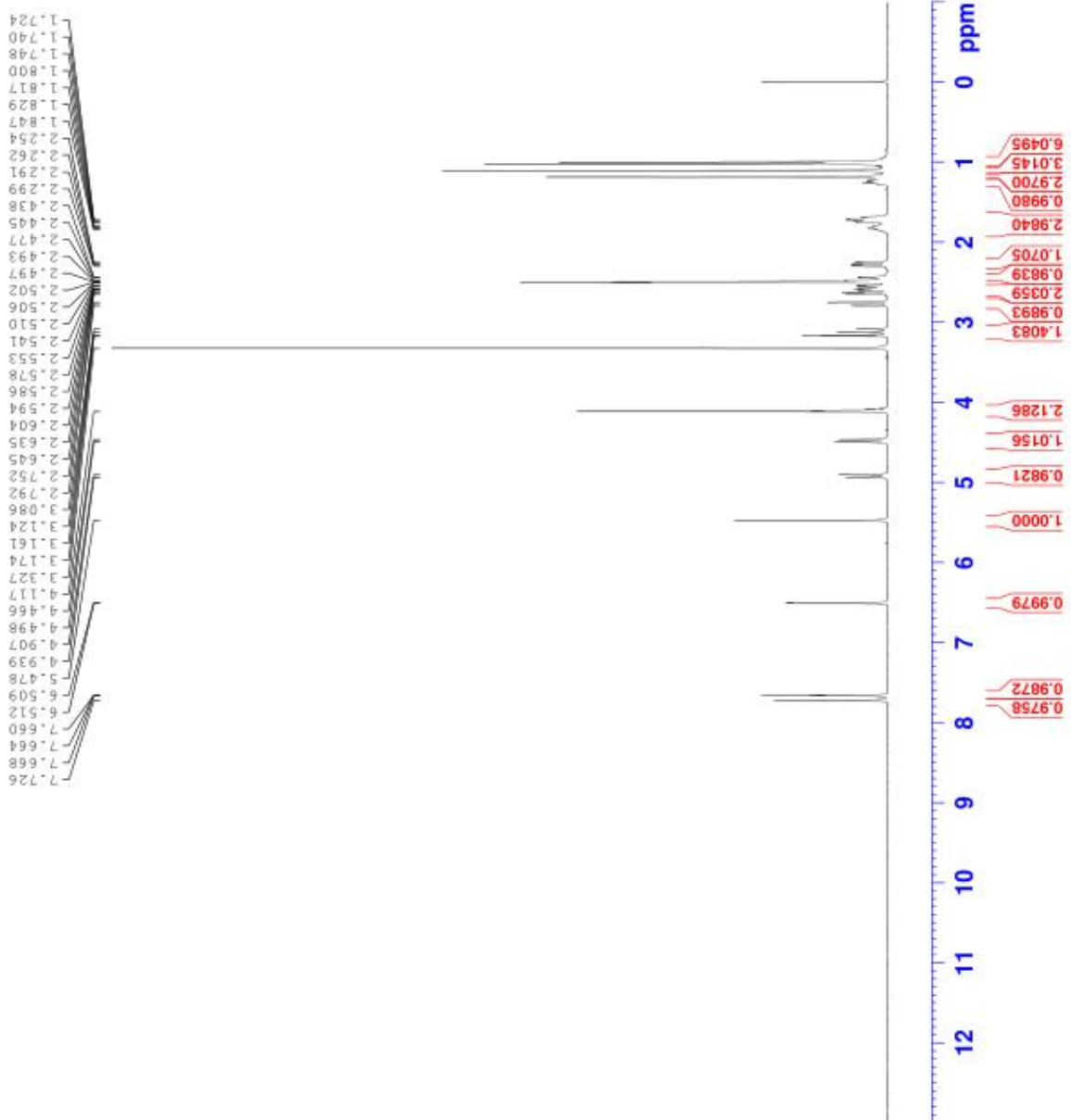
```

Current Data Parameters
NAME: RES-1100000000-01-0850-20166613
PROCNO: 1
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20160913
Time: 21.00
INSTRUM: spect
PROBHD: 5 mm PABBO-ML
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 14
DS: 4
SWH: 8223.485 Hz
FIDRES: 0.125483 Hz
AQ: 3.9848381 sec
RG: 125.84
DM: 60.000 usec
DE: 1.00000000 usec
TE: 286.7 K
D1: 1.00000000 sec
D10: 1

===== CHANNEL f1 =====
NUC1: 1H
P1: 12.00 usec
PL1: 15.8483448 dB
ZFO1: 400.1433013 MHz

F2 - Processing parameters
SI: 32768
SF: 400.1433013 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
  
```





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Batch NO: N-006-171216

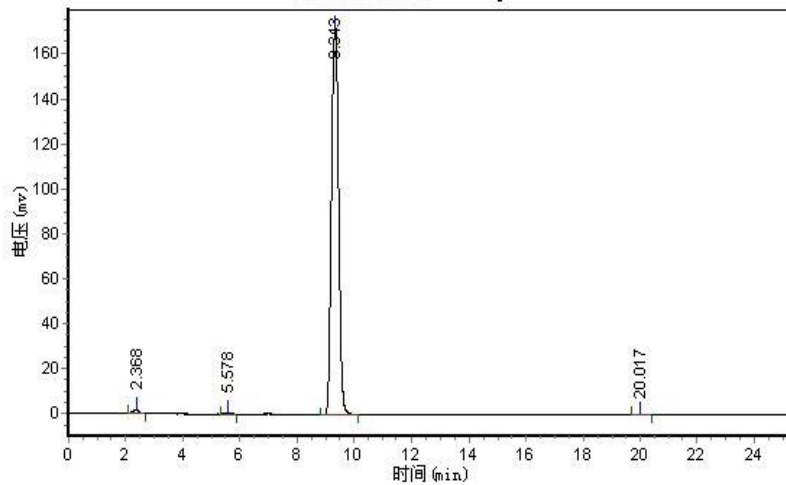
Certificate Of Analysis

Chinese Name	柠檬苦素	Botanical Source	lemon
English Name	Limonin	CAS Number	1180-71-8
Mol. Formula	C ₂₆ H ₃₀ O ₈	Mol. Weight	470.51
Solubility	Methanol	Appearance	White crystalline powder
Loss on drying	≤2.0%	Purity	99.03%

QC RP-HPLC:乙腈: 水: 四氢呋喃: 冰醋酸 (41:59:1:0.2) λ : 225nm



Limonin HPLC



分析结果表

峰号	峰名	保留时间	峰高	峰面积	含量
1		2.368	1686.084	23481.000	0.7749
2		5.578	157.357	2938.900	0.0970
3		9.343	171477.859	3000957.250	99.0330
4		20.017	177.944	2882.450	0.0951
总计			173499.244	3030259.600	100.0000

Storage	Stored without light and heat. Stored in cool, dry , airtight and innocuous conditions
Remarks	即配即用，仅限于实验时使用，不能用于人体。 如遇质量问题，请于收到产品之日起 15 日内与我们联系。 Namely with the use, only in the experimental use, can not be used for the human body. In case of quality problems, please contact us within 15 days from the date of receipt of the product.

Review date : 2017-12-16

Report date : 2017-12-16

Operator: Chenli

Q.C manager: Zhengxin